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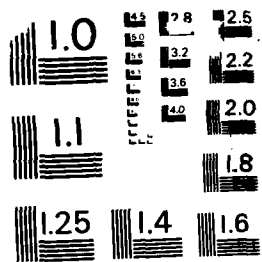
DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CLT. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
USAFETAC/DS-88/884

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

DARE COUNTY GUNNERY RANGE NC MSC #746950
N 35 41 W 075 54 ELEV 9 FT ZDP

PARTS A - F HOURS SUMMARIZED: 0600 - 1800 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: OCT 77 - SEP 87
SUMMARY OF DAY DATA: NONE

JAN 06 1988

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ASHEVILLE, N.C. 28801 - 2723

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/004 DARE COUNTY GUNNERY RANGE NC (LISOCS) Jan 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read 'Walter S. Burgmann', with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

1a. Report Security Classification: UNCLASSIFIED

3. Distribution/Availability of Report: Approved for public release; distribution unlimited.

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6b. Office Symbol:

6c. Address: Federal Building, Asheville, NC 28801-2723

7a. Name of Monitoring Organization: USAFETAC

7b. Address: Scott AFB, IL 62225-5458

11 Title: (LISOCs) Dare County Gunnery Range NC.

12 Personal Author(s):

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18 Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCs); Dare County Gunnery Range NC; North Carolina; USNC746950.

19 Abstract: A statistical data summary of surface weather observation climatology: Dare County Gunnery Range NC. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

20 Distribution/Availability of Abstract: Same as report.

21 Abstract Security Classification: UNCLASSIFIED.

22a Name of Responsible Individual: Marianne L. Cavanaugh

22b Telephone: (618)256-2625.

22c Office Symbol: USAFETAC/LDD.

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Accession For	
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Justification	
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LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: DARE COUNTY GUNNERY RANGE NC

STATION NUMBER: 746950

SUMMARIZED HOURS: 0600 - 1800 LST

PERIOD OF RECORD

HOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA (FULL TIME): NONE

SUMMARY OF DAY DATA (TEMPERATURES ONLY): MAY 56 - DEC 70, JAN 73 - SEP 87 (BASED ON LIMITED OPERATIONS)

TIME CONVERSION LST TO GMT: +5

DATE PRODUCED: 30 DEC 87

ALL USERS OF THIS LISOCs MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.



OL-1/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-P3-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1969) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 17/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 17/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		16.3		1.7		17.5	18.7	10.0			45.0	411
09-11		13.6		2.1		15.9	21.4	21.6			40.3	630
12-14		13.2		1.6		14.5	18.3	17.1	.2		34.1	607
15-17		7.0	.5	1.4		8.1	12.6	19.1			30.2	444
18-20		4.1		1.4		5.4	8.1	18.9			25.7	74
21-23												
TOTALS		10.9	.1	1.6		12.3	19.8	17.3	.0		35.1	2166

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		11.6		2.0		13.6	42.5	17.3	.6		53.2	346
09-11	.2	10.9	.2	.9		12.0	23.1	27.8			48.2	558
12-14	.5	12.0		.9		12.5	15.4	27.7			41.1	560
15-17	.2	7.4		1.4	.2	8.6	11.8	23.7			33.8	417
18-20	1.1	9.6				9.6	8.5	21.3			29.8	94
21-23												
TOTALS	.4	10.3	.0	1.0	.0	11.3	20.3	23.6	.1		41.2	1975

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R ORIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.9	14.9		.2		14.9	39.3	23.4			53.8	435
09-11	1.1	11.4		.3		11.4	16.1	26.6		.2	40.2	639
12-14	.3	10.0		.3		10.0	11.9	23.7		.5	34.8	638
15-17	.4	11.7		.8		12.4	12.8	27.3		.6	38.8	477
18-20		7.1		1.2		8.2	14.1	24.7			37.6	85
21-23												
TOTALS	.5	11.0		.6		11.4	18.8	25.1		.3	41.0	2274

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R ORIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.2	9.9				9.9	30.0	33.2			54.3	497
09-11	.8	8.2				8.2	10.0	27.2			36.3	658
12-14	.6	6.5				6.5	7.0	27.0		.5	33.7	644
15-17	.2	9.3				9.3	7.4	28.6		.4	35.4	472
18-20		10.6				10.6	9.4	28.2			35.3	85
21-23												
TOTALS	.4	8.9				8.9	12.8	28.8		.2	39.0	2356

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.0	8.7				8.7	35.5	38.9			44.8	586
09-11	1.2	8.0				8.0	8.5	31.4			29.4	656
12-14	1.8	7.6				7.6	5.8	28.3			33.7	608
15-17	4.0	6.3				6.3	5.0	27.9			31.7	398
18-20	4.5	6.1				6.1	9.1	30.3			36.4	66
21-23												
TOTALS	2.5	7.3				7.3	12.8	31.4			41.2	2308

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	2.1	7.1				7.1	28.7	45.1			60.9	565
09-11	1.0	5.2				5.2	4.6	44.0			47.1	630
12-14	2.9	7.6				7.6	3.5	45.8			49.0	596
15-17	6.9	8.8				8.8	4.8	43.3			47.7	434
18-20	11.9	7.1				7.1	9.5	39.3			47.6	84
21-23												
TOTALS	5.0	7.2				7.2	10.2	43.5			50.5	2309

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN L/OR CRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.9	3.3				3.3	32.2	55.0			69.5	538
09-11	2.6	4.5				4.5	4.3	50.6			53.9	621
12-14	2.6	5.7				5.7	3.4	51.0		.2	54.0	580
15-17	8.2	8.8				8.8	4.8	53.5			57.2	353
18-20	13.7	9.8				9.8	3.9	45.1			49.0	51
21-23												
TOTALS	5.6	6.4				6.4	9.7	51.0		.0	56.7	2143

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN L/OR CRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.8	3.9				3.9	47.4	43.8			71.2	511
09-11	2.4	5.2				5.2	6.1	49.0			53.3	621
12-14	6.5	8.3				8.3	3.8	49.3			52.2	611
15-17	9.4	8.6				8.6	2.6	52.3			54.7	384
18-20	8.2	9.8				9.8	3.3	60.7			62.3	61
21-23												
TOTALS	5.7	7.4				7.2	12.6	51.0			58.7	2188

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		.4	4.4			4.4	49.5	35.5			48.9	501
09-11			6.2			6.2	6.0	42.8			46.5	565
12-14		.8	4.7			4.7	2.3	40.5			42.5	511
15-17		2.2	5.1			5.1	2.2	42.9			44.7	275
18-20		3.3					6.7	46.7			46.7	30
21-23												
TOTALS		1.3	4.1			4.1	13.3	41.7			49.9	1882

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		.6	7.4			7.4	54.8	28.8			71.6	500
09-11			5.5			5.5	10.8	37.8			44.9	621
12-14		.3	7.0			7.0	7.5	29.9			36.2	586
15-17		.2	6.0			6.0	6.9	29.7			36.4	434
18-20			5.9			5.9	13.2	36.8			48.5	68
21-23												
TOTALS		.2	6.4			6.4	18.6	32.6			47.5	2209

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		7.9				7.9	52.5	24.4			64.0	406
09-11	.2	7.1				7.1	15.6	38.7			49.1	591
12-14		8.9				8.9	11.3	25.6			34.0	582
15-17		9.6				9.6	10.8	24.3			32.0	415
18-20		7.5				7.5	8.8	15.0			22.5	80
21-23												
TOTALS	.0	8.2				8.2	19.8	25.6			40.3	2074

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		12.7				12.7	39.2	16.3			49.6	393
09-11		9.3				9.3	18.3	24.4			39.0	611
12-14	.3	11.5				11.5	13.1	19.8			32.1	601
15-17		8.3				8.3	12.0	19.3			28.8	424
18-20		1.4				1.4	10.1	17.4			21.7	69
21-23												
TOTALS	.1	8.6				8.6	18.5	19.4			34.2	2098

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
JAN ALL		10.9	.1	1.6		12.3	19.8	17.3	.0		35.1	2166
FEB		.4	10.3	.0	1.0	.0	11.3	20.3	23.6	.1	41.2	1975
MAR		.5	11.0		.6		11.4	18.8	25.1	.3	41.0	2274
APR		.4	8.9				8.9	12.8	28.8	.2	39.0	2356
MAY		2.5	7.3				7.3	12.8	31.4		41.2	2308
JUN		5.0	7.2				7.2	10.2	43.5		50.5	2309
JUL		5.6	6.4				6.4	9.7	51.0	.0	56.7	2143
AUG		5.7	7.2				7.2	12.6	51.0		58.7	2188
SEP		1.3	4.1				4.1	13.3	41.7		49.9	1882
OCT		.2	6.4				6.4	18.6	32.6		47.5	2209
NOV		.0	8.2				8.2	19.8	25.6		40.3	2074
DEC		.1	8.6				8.6	18.5	19.4		34.2	2098
TOTALS		1.8	8.0	.0	.3	.0	8.3	15.6	32.6	.0	44.6	25982

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SEE SUPPLEMENTAL SECTION I SUMMARY OF DAY DATA FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.6	5.1	2.4							12.9	7.5
NNE	1.5	2.9	3.6	1.5	.2	.5					10.2	8.4
NE		.2	.5	.5							1.2	9.4
ENE	.2		.2	.2							.7	8.0
E	.2	.5	.2	1.0							1.9	8.9
ESE		.2	.2	.2							.7	9.7
SE	.2										.2	2.0
SSE		.2	.5								.7	7.7
S	.5	1.0	1.2								2.7	6.7
SSW	1.7	1.5	.5	1.2							4.9	6.3
SW	1.5	2.2	.7								4.4	4.6
WSW	1.2	1.9	.5								3.6	4.9
W	2.2	1.9	1.5		.2						5.8	5.8
WNW	1.0	2.7	1.2	1.0	.2	.5					6.6	8.4
NW	1.5	2.9	1.2	.2		.2					6.1	6.1
NNW	2.9	3.4	1.7	.2	.2						8.5	5.7
VARIABLE												
CALM	////////////////////										28.7	////
TOTALS	16.2	25.3	19.0	8.5	1.0	1.2					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.7	6.0	3.7	.5	.8	.2				16.8	9.2
NNE	1.3	3.7	5.1	1.7	.2						11.9	7.8
NE	.3	1.3	2.5	.6							4.8	8.0
ENE	.2	.5	.8	.3							1.7	8.5
E	.6	1.7	.5								2.9	4.8
ESE	.2	.3	.3								.8	5.8
SE		.3	.2								.5	6.7
SSE			.2								.2	8.0
S	.3	1.4	1.7	1.1							4.6	7.8
SSW	.5	1.6	1.9	1.6							5.6	8.1
SW	.9	1.4	1.6	1.0		.2					4.9	7.6
WSW	.3	.6	2.1	.2	.2	.2					3.5	8.8
W	1.1	2.2	2.4	1.6	.3						7.6	8.3
WNW	1.3	2.7	3.0	.8							7.8	6.8
NW	.5	1.9	3.2	1.0	.3	.2					7.7	8.7
NNW	1.0	1.9	3.3	2.4	.6	.2					9.4	9.4
VARIABLE												
CALM	////////////////////////////////////										10.2	////
TOTALS	10.1	25.2	34.8	15.9	2.1	1.4	.2				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS/LSST: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	3.6	5.6	3.5	1.3	.3	.2					15.5	9.7
NNE	.5	1.6	4.9	3.8	.5							11.4	9.8
NE	.3	2.1	2.0	1.0								5.4	7.6
ENE	.2	.2	1.8	.7								2.8	8.8
E	.5	1.0	.5									2.0	5.3
ESE	.3	.7		.2								1.2	5.1
SE	.3	.2	.2	.3								1.0	7.3
SSE	.3	.5										.8	4.0
S	.7	1.3	2.3	1.5								5.8	8.3
SSW	.2	1.6	2.3	1.6								5.8	8.9
SW	.5	1.6	2.0	1.8	.3	.3						6.6	10.0
WSW		.5	3.1	2.5								6.1	10.3
W	1.3	2.0	3.6	1.5								8.4	7.6
WNW	1.2	2.6	2.3	1.0	.2	.2						7.4	7.4
NW	.3	1.2	3.3	1.5	.2	.2						6.6	9.3
NNW	.8	2.5	3.3	2.0	.3	.2						9.1	8.9
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	8.4	23.2	37.2	22.7	2.8	1.2	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	2.0	2.9	4.1	2.3	.2	.2						11.7	8.4
NNE	.9	2.3	3.8	3.6	.2							10.8	9.2
NE	.9	1.8	2.5	.2								5.4	6.7
ENE	.9	2.3	1.1	.2								4.5	5.8
E	1.6	.7	1.1									3.4	4.9
ESE	.2	.2	.5									.9	5.8
SE		.7		.5								1.1	7.8
SSE	.2		.2									.5	5.0
S	1.4	2.3	2.3	.2								6.1	6.0
SSW	.2	1.6	2.5	2.9	.2							7.4	9.5
SW	.9	1.8	3.2	1.1		.2						7.2	8.4
WSW	.2	.9	1.6	1.6	.2							4.5	9.8
W	.7	1.8	1.4	2.0								5.9	8.2
WNW	1.6	1.8	2.3	.2	.2							6.1	6.4
NW	1.1	1.6	4.1	1.1	.5							8.3	8.2
NNW	1.4	2.9	3.2	2.3								9.7	7.5
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	14.2	25.5	33.6	18.2	1.6	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.7									4.1	4.7
NNE	5.4	1.4	2.7								9.5	4.7
NE	4.1										4.1	2.7
ENE												
E	1.4	1.4									2.7	3.5
ESE												
SE												
SSE												
S	1.4										1.4	2.0
SSW	2.7	4.1									6.8	3.8
SW	1.4	2.7	1.4	4.1							9.5	7.7
WSW	1.4		1.4								2.7	4.0
W	2.7	4.1	1.4								8.1	4.8
WNW		2.7	1.4	1.4							5.4	9.0
NW	2.7	2.7									5.4	3.5
NNW		2.7	4.1	1.4	1.4						9.5	9.4
VARIABLE												
CALM	////////////////////										31.1	////
TOTALS	24.3	24.3	12.2	6.8	1.4						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.5	5.1	3.0	.6	.4	.1					14.2	8.9
NNE	1.2	2.6	4.4	2.6	.3	.1						11.1	8.7
NE	.5	1.4	1.9	.6								4.4	7.5
ENE	.3	.6	1.0	.4								2.4	7.5
E	.7	1.1	.6	.2								2.5	5.5
ESE	.2	.4	.2	.1								.9	6.2
SE	.1	.3	.1	.2								.7	7.0
SSE	.1	.2	.2									.5	5.5
S	.7	1.4	1.8	.8								4.8	7.3
SSW	.6	1.7	1.8	1.8	.0							5.9	8.2
SW	.9	1.8	1.8	1.2	.1	.2						5.9	8.1
WSW	.4	.9	1.9	1.1	.1	.0						4.4	8.9
W	1.3	2.1	2.3	1.3	.1							7.2	7.5
WNW	1.2	2.5	2.3	.8	.1	.1						7.0	7.3
NW	.8	1.8	2.9	1.0	.2	.1						6.9	8.2
NNW	1.3	2.6	3.0	1.8	.4	.1						9.2	9.2
VARIABLE													
CALM	////////////////////											12.0	////
TOTALS	12.2	24.7	31.4	16.6	1.9	1.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 2166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	4.0	2.3	4.3	1.4	1.2							13.3	7.3
NNE	3.2	3.2	2.0	1.2	.6							10.1	6.5
NE	.9	1.4	.3	.3	.3							3.2	7.0
ENE	.3	.6	.6	.9								2.3	8.5
E	.6	.9	1.4									2.9	6.8
ESE	.3			.6								.9	9.3
SE			.3									.3	10.0
SSE			.3	.9								1.2	12.8
S		.9	.3	.9	.6							2.6	11.2
SSW	.6	1.2	1.4	.6								3.8	7.2
SW	.6	1.4	.3	1.2								3.5	7.0
WSW	.3	1.4		.6								2.3	7.1
W	.9	1.7	2.0									4.6	6.5
WNW	.9	2.6	1.7	.6	.3							6.1	7.0
NW	2.6	1.2	.3	.3	.3							4.6	5.1
NNW	2.6	2.9	3.8	1.2	.3							10.7	6.8
VARIABLE													
CALM	////////////////////////////////////										27.7	////	
TOTALS	17.6	21.7	19.1	10.4	3.5						100.0	5.2	

TOTAL NUMBER OF OBSERVATIONS: 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.9	5.7	5.9	.5	.4					17.2	9.9
NNE	.2	2.9	6.3	1.6	.2	.2					11.3	8.9
NE	.4	1.4	2.5	1.4							5.7	8.5
ENE	.5	1.6	2.2	.5	.4						5.2	8.2
E	.5	2.0	1.4	.5							4.5	6.6
ESE		.5		.9							1.4	9.5
SE			.2	.2	.2						.5	13.7
SSE		.4	.4	.4	.2						1.3	10.6
S	.4	1.1	1.6	1.1	.2	.2					4.5	9.8
SSW	.7	1.1	1.6	.7	.2	.2					4.5	8.3
SW	.4	.2	2.0	1.3	.2						3.6	9.9
WSW	.4	1.1	1.8	.9		.2					4.3	9.0
W	.5	1.6	1.4	.7							4.3	7.3
WNW	.4	2.3	3.0	.5							6.3	7.7
NW	.2	2.3	2.2	2.2	.2						7.7	9.1
NNW	.5	1.6	4.8	4.3	.4						11.6	9.7
VARIABLE												
CALM	////////////////////										6.5	////
TOTALS	5.7	24.0	37.1	23.1	2.5	1.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.7	7.5	3.2	.7	.2					15.9	9.1
NNE		2.7	4.8	2.5	.2						10.2	9.1
NE	.7	1.8	2.9	1.8							7.1	8.0
ENE	.2	1.4	1.1	1.2							3.9	8.6
E	.2	1.2	2.5	.5							4.5	7.5
ESE		.9	.7	.2							1.8	7.1
SE	.2	.7	.5	.5							2.0	7.9
SSE				1.1		.2					1.2	14.6
S	.4	1.6	2.1	1.6	.5						6.2	9.3
SSH	.4	.9	1.1	2.0	.2		.2				4.6	10.8
SW		.5	1.4	1.6	.7	.4		.2			4.8	13.5
WSW	.4	.7	1.1	.9	.4		.2	.2			3.7	12.0
W	1.1	1.6	2.3	2.0							7.0	8.1
WNW	2.1	2.0	2.5	2.3							8.9	7.9
NW	.5	1.1	3.0	2.9	.4						7.9	9.8
NNW	.2	1.4	3.9	3.7		.2					9.5	10.1
VARIABLE												
CALM	////////////////////										.7	////
TOTALS	6.8	22.3	37.5	28.0	3.0	.9	.4	.4			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS/LSJ: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.4	5.5	3.4	.5	.2					13.4	9.0
NNE	.2	1.7	4.1	1.2							6.5	8.6
NE	1.2	2.2	3.4	.5	.2						7.4	7.1
ENE	.2	2.4	2.9	1.2							6.7	7.5
E	.2	2.6	1.0								3.8	6.1
ESE	.2	1.4	1.0								2.6	5.8
SE		1.0	.5								1.4	5.2
SSE	.7	.5	1.0	1.0							3.1	8.2
S	1.2	1.9	4.8	1.0							8.9	7.6
SSW	.2	1.0	2.4	1.2	.5	.5					5.8	11.0
SW		1.2	1.9	.7	.5		.2	.5			5.0	12.6
WSW		.5	1.2	.7							2.4	9.2
W	1.0	1.4	2.2	1.2							5.8	7.9
WNW	.2	1.9	1.9	3.4							7.4	9.6
NW	.5	1.9	3.6	2.4	.2						8.6	9.4
NNW	1.2	2.6	1.9	1.7	.2						7.7	7.8
VARIABLE												
CALM	////////////////////										3.4	////
TOTALS	7.7	26.9	39.1	19.4	2.2	.7	.2	.5			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.1	3.2	2.1							7.4	8.6
NNE	1.1	4.3	1.1	1.1							7.4	6.0
NE	3.2	4.3	1.1								8.6	4.5
ENE		5.3	1.1								6.4	5.2
E	1.1	1.1									2.1	4.0
ESE				1.1							1.1	12.0
SE												
SSE	1.1	1.1		1.1							3.2	7.0
S	1.1	3.2	1.1								5.3	5.0
SSW	2.1	2.1	1.1	1.1	1.1						7.4	8.1
SW	3.2	1.1	1.1								5.3	4.0
WSW	1.1		1.1	1.1							3.2	8.7
W	1.1	1.1									2.1	3.5
WNW	1.1	1.1		1.1							3.2	6.7
NW	2.1	2.1	2.1								6.4	6.3
NNW		2.1	5.3	1.1							8.6	7.8
VARIABLE												
CALM	////////////////////										22.3	////
TOTALS	18.1	30.9	18.1	9.6	1.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	3.4	5.8	3.6	.7	.2						14.9	9.0
NNE	.7	2.5	4.4	1.7	.2	.1						9.6	8.4
NE	.9	1.8	2.3	1.1	.1							6.2	7.6
ENE	.7	1.7	1.7	.9	.1							4.7	7.9
E	.4	1.7	1.6	.3								3.9	6.7
ESE	.1	.7	.4	.5								1.7	7.6
SE	.1	.4	.4	.2	.1							1.1	8.0
SSE	.2	.3	.4	.8	.1	.1						1.7	10.4
S	.5	1.5	2.2	1.1	.3	.1						5.6	8.8
SSW	.6	1.1	1.6	1.2	.3	.2	.1					4.8	9.5
SW	.4	.8	1.5	1.2	.4	.1	.1	.2				4.4	10.9
WSW	.2	.9	1.1	.8	.1	.1	.1	.1				3.3	9.7
W	.9	1.6	1.9	1.0								5.3	7.6
WNW	1.0	2.1	2.3	1.7	.1							7.1	8.1
NW	.9	1.7	2.4	2.0	.3							7.1	9.8
NNW	.9	2.0	3.8	2.9	.2	.1						9.9	8.9
VARIABLE													
CALM	////////////////////											8.7	////
TOTALS	9.1	24.1	33.6	20.9	2.7	.7	.2	.2				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 1975

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.5	3.0	1.6	.2							8.3	7.8
NNE	1.4	2.1	4.4	3.2	.2	.2						11.5	8.9
NE	1.1	1.6	2.3	.2								5.3	6.1
ENE	.2	.2	1.4	.7	.2							2.8	9.7
E	.5	.2	.9									1.6	6.6
ESE	.2	.9	1.1	.2								2.5	7.3
SE		.5	.2									.7	6.0
SSE	.2			.2								.5	7.0
S	1.1	.7	2.3	1.8	.2							6.2	8.9
SSW	2.1	1.9	.7	2.3	1.1							8.0	9.3
SW	1.1	1.4	2.1		.2							4.8	7.0
WSW	.7	2.5	1.6	.5		.2						5.5	7.2
W	.9	1.6	1.1	.2	.2	.2						4.4	7.7
WNW	1.4	.7	1.4	.9								4.4	7.5
NW	.7	1.6	2.5	.2								5.1	6.8
NNW	1.4	1.4	1.1	1.1		.5						5.5	8.1
VARIABLE													
CALM	////////////////////////////////////											23.0	////
TOTALS	14.0	19.0	26.2	13.3	2.5	1.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.9	6.1	3.8	.5						11.9	10.0
NNE	.5	1.3	5.2	4.4	.3	.2					11.8	9.9
NE	.5	1.4	3.0	2.0	.5						7.4	9.2
ENE	.3	.8	2.7	1.3	.3						5.3	9.6
E	.5	1.6	2.2	.9							5.2	7.7
ESE	.4	.9	1.4	.5							3.6	7.1
SE		.3	.5	.2							.9	8.5
SSE		.2	.6	.5							1.3	10.5
S	.3	1.7	2.7	1.7	.6						7.1	9.6
SSW	.6	.8	1.6	2.5	.9		.3				6.9	11.5
SW	.5	.4	2.5	3.1	.3	.3					7.5	11.1
WSW		1.1	2.4	1.6	.2						5.2	9.8
W	.2	2.0	1.9	.8		.2					5.0	8.3
WNW	.3	1.4	.8	.8		.3					3.6	9.4
NW	.3	1.3	1.6	1.1	.2						4.4	8.9
NNW	.5	1.4	3.0	2.8	.8						8.5	10.6
VARIABLE												
CALM	////////////////////////////////////										4.5	////
TOTALS	6.0	17.9	37.9	27.9	4.5	.9	.3				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: MAR HOURS: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.4	4.9	3.6		.2					10.2	9.9
NNE	.3	1.4	6.9	4.2	1.1	.3					14.3	10.5
NE	.3	.8	3.0	.9			.2				5.2	9.5
NNE	.3	.8	3.6	1.6	.2						6.4	9.3
E	.5	1.1	2.2	1.1							4.9	8.2
ESE		.9	1.7	.6							3.3	8.6
SE		.3		.5							.8	10.0
SSE	.5	.2	.8	.6	.2						2.2	8.9
S	.3	1.4	4.9	3.3	.2						10.0	9.9
SSW	.3	.5	2.2	4.2	1.1		.5				8.8	13.3
SW	.2	1.1	2.0	3.0	.9		.5	.2			7.8	13.0
WSW	.3	.3	1.3	1.4	.5	.5					4.2	12.4
W	.2	.9	1.9	2.0		.2					5.2	10.2
WNW	.3	1.1	2.5	.9	.2		.2				5.2	9.2
NW		1.3	1.4	1.3							3.9	9.1
NNW	.6	.6	1.1	3.0	.2						5.5	10.7
VARIABLE												
CALM	////////////////////////////////////										2.2	////
TOTALS	4.2	14.1	40.3	32.3	4.4	1.1	1.3	.2			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.7	2.7	3.6							7.5	10.5
NNE	.2	2.1	6.9	2.7	.6	.2					12.8	10.0
NE	.2	1.9	3.4	1.9	.6	.2					8.2	10.0
ENE	.4	2.3	2.9	1.7							7.3	8.3
E	.6	1.9	3.1	.8							6.5	7.7
ESE		2.1	1.5	.4							4.0	7.1
SE	.2	.2	1.0								1.5	7.7
SSE	.4	.4	.8	.4							2.1	7.3
S	.6	2.5	6.1	2.7	.6						12.6	9.2
SSW		.2	2.9	4.0	2.1	.2					9.4	13.3
SW		.2	1.3	3.1	.8	.2					5.7	13.7
WSW		.2	1.0	1.7	.2						3.1	11.8
W	.2	.8	1.5	1.7							4.2	9.2
WNW	.4	1.5	1.0	1.3		.4					4.6	9.4
NW		.2	2.1	1.9	.4		.2				4.8	12.1
NNW	.6	.2	1.0	1.5	.2		.2				3.8	10.6
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	4.0	18.0	39.4	29.4	5.7	1.3	.4				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	2.4	7.1								10.6	6.4
NNE		3.6	2.4	1.2	1.2						8.2	9.6
NE	1.2	2.4	1.2	1.2							5.9	6.8
ENE	2.4	3.6									5.9	3.8
E	2.4	4.7									7.1	4.0
ESE	4.7	1.2	1.2								7.1	4.2
SE												
SSE				1.2							1.2	12.0
S		8.2	3.6	1.2							12.9	7.2
SSW			2.4	2.4	1.2	1.2					7.1	15.2
SW			2.4	1.2							3.5	10.3
WSW			2.4	1.2							3.5	10.7
W	1.2	1.2									2.4	3.5
WNW	1.2	1.2		1.2							3.5	6.7
NW		1.2	1.2								2.4	7.0
NNW		1.2	1.2				1.2				3.5	14.0
VARIABLE												
CALM	////////////////////										15.3	////
TOTALS	14.1	30.6	24.7	10.6	2.4	1.2	1.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(157): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.5	4.5	3.1	.2	.0						9.8	9.6
NNE	.5	1.7	5.8	3.7	.7	.2						12.5	9.9
NE	.5	1.4	2.9	1.3	.3	0	.0					6.5	8.9
NNE	.4	1.1	2.6	1.3	.2							5.6	8.9
E	.6	1.4	2.1	.7								4.8	7.6
ESE	.4	1.2	1.5	.4								3.5	7.3
SE	.0	.3	.4	.2								.9	8.2
SSE	.3	.2	.6	.5	.0							1.5	8.8
S	.5	1.8	4.0	2.4	.4							9.1	9.3
SSW	.7	.7	1.9	3.3	1.3	.1	.2					8.2	12.2
SW	.4	.8	2.0	2.4	.6	.1	.1	.0				6.6	11.6
WSW	.2	.9	1.6	1.3	.2	.2						4.5	10.2
W	.4	1.4	1.6	1.2	.0	.1						4.7	8.9
WNW	.6	1.2	1.4	1.0	.0	.2	.0					4.4	8.9
NW	.2	1.1	1.8	1.1	.1		.0					4.4	9.2
NNW	.7	.9	1.6	2.2	.3	.1	.1					5.9	10.3
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	6.9	17.7	36.2	26.0	4.3	1.1	.6	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 2273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	3.2	4.0	2.0							10.5	7.3
NNE	.6	1.4	1.6	1.8	.8						6.2	9.6
NE	.8	1.2	2.0	.8							4.8	7.6
ENE	.4	.8	.6	.2							2.0	6.3
E	.8	1.4	.8								3.4	5.2
ESE	.6	.2	1.2								2.0	6.3
SE	.2	.8	.6								1.6	6.3
SSE		.8	.4								1.2	5.8
S	.4	.6	1.6	.4							3.0	7.1
SSW	1.2	2.4	3.0	1.0							7.6	7.1
SW	.2	2.2	1.8	1.2							5.4	7.8
WSW	2.0	1.4	1.6	.8							5.8	5.8
W	2.0	4.0	2.6	.2							8.9	5.6
WNW	1.0	1.2	1.8	.6							4.6	6.6
NW	.8	1.4	.8	1.4							4.4	7.9
NNW	.2	1.6	2.0	1.0							4.8	7.9
VARIABLE												
CALM	////////////////////										23.5	////
TOTALS	12.5	25.2	26.6	11.5	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	1.5	6.5	2.9	.5						12.2	9.5
NNE	.2	1.4	3.5	1.7	.5						7.1	9.8
NE	.5	.9	2.3	1.4							4.9	8.9
ENE	.3	1.1	1.7	1.2							4.3	8.6
E		.9	1.8	.3	.2						3.2	7.9
ESE	.2	1.4	1.8	.2							3.5	7.3
SE	.5	.8	.5	.2							1.8	6.3
SSE	.2	.9	.9	.5							2.4	7.8
S	.5	1.5	3.8	1.7							7.4	8.8
SSW	.6	1.8	2.6	3.2	.9						9.1	10.2
SW	.6	1.1	1.8	2.7							6.2	9.7
WSW	.5	1.2	2.3	.9	.5						5.3	9.0
W	.9	2.7	3.2	1.2							8.1	7.4
WNW	.9	2.3	2.4	2.0	.2						7.8	8.2
NW	.2	.8	3.2	1.2	.3						5.8	9.6
NNW	.6	1.2	3.3	1.7							6.8	8.8
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	7.1	21.3	41.6	22.8	2.9						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.6	3.9	3.0	.8						9.6	10.2
NNE		.3	3.7	2.0	.6						6.7	11.1
NE	.2	.8	1.7	1.1	.2						3.9	9.2
ENE	.2	1.1	1.1	.5							2.8	7.4
E	.9	2.2	3.1	.2							6.2	6.6
ESE	.2	1.1	2.5	.3							4.0	7.8
SE	.2	.9	1.1	.2							2.3	7.2
SSE	.2	.8	.8	.3							2.0	7.7
S	.6	2.6	4.8	5.6	.9						14.6	10.3
SSW	.5	.5	3.1	4.5	1.4	.5					10.4	12.3
SW	.7	.7	1.7	2.5	1.1		.2				6.1	12.4
WSW	.2	.8	1.4	1.2	.6	.2					4.3	10.9
W	.6	1.2	1.7	2.3							5.9	9.1
WNW	.7	1.9	4.3	1.9	.5						8.9	9.1
NW	.2	1.7	1.9	1.6	.2						5.4	9.0
NNW	.3	1.4	2.2	1.6							5.4	8.6
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	5.0	19.1	39.0	28.6	6.2	.5	.2				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: APR HOURS/LST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.4	3.6	2.5	.2						7.0	10.5
NNE	.4	.6	1.9	2.1							5.1	9.9
NE	.2	.6	2.5	1.7							5.1	9.1
NNE	.4	1.1	1.9	1.1							4.4	8.3
E	.8	2.3	3.2	.8							7.2	7.4
ESE	.6	.9	2.5	.4							4.4	7.4
SE	.6	1.5	.2		.2						2.5	5.8
SSE	.9	1.9	1.9								4.7	5.9
S	.2	3.2	7.2	5.5	.8						16.9	10.2
SSW	.2	.6	3.8	8.5	2.1						15.3	12.5
SW		.4	1.3	1.5	.4	.4					4.0	13.3
WSW	.2	.2	.6	.8	.2	.2					2.3	11.9
W	.6	.6	1.7	.8							3.8	8.2
WNW	.4	1.5	1.7	1.7	.2						5.5	9.2
NW	1.1	1.3	2.3	1.1							5.7	7.6
NNW		1.3	1.7	1.1	.2						4.2	9.6
VARIABLE												
CALM	////////////////////////////////////										1.7	////
TOTALS	7.0	18.4	38.1	29.7	4.4	.6					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2		1.2	2.4								4.7	9.3
NNE	2.4	1.2	1.2	1.2								5.9	7.0
NE	1.2	1.2	4.7	3.5								10.6	8.7
ENE		2.4										2.4	4.0
E	1.2	2.4	1.2									4.7	5.3
ESE		4.7										4.7	5.5
SE	1.2											1.2	3.0
SSE	1.2	1.2				1.2						3.5	10.3
S		4.7	2.4	1.2								8.2	7.3
SSW			9.4	8.2								17.6	11.0
SW			2.4	2.4								4.7	11.8
WSW	2.4	1.2	1.2									4.7	5.0
W	1.2	4.7										5.9	4.2
WNW	3.5	1.2		1.2								5.9	5.0
NW	1.2		3.5	1.2								5.9	7.8
NNW													
VARIABLE													
CALM	////////////////////////////////////											9.4	////
TOTALS	16.5	24.7	27.1	21.2		1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: APR HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.6	4.5	2.6	.4						9.8	9.3
NNE	.7	.9	2.8	1.9	.5						6.4	10.1
NE	.4	.8	2.2	1.3	.0						4.8	8.7
ENE	.7	1.1	1.3	.7							3.4	7.8
E	.6	1.8	2.2	.3	.0						4.9	6.8
ESE	.3	1.1	2.0	.2							3.6	7.3
SE	.4	.9	.6	.1	.0						2.0	6.4
SSE	.3	1.1	.9	.2		.0					2.5	7.0
S	.4	2.1	4.2	3.2	.4						10.4	9.7
SSW	.6	1.3	3.3	4.3	1.1	.1					10.7	11.0
SW	.7	.9	1.7	2.1	.4	.1	.0				5.5	10.7
WSW	.7	.9	1.5	.9	.3	.1					4.5	8.8
W	1.0	2.2	2.7	1.2							6.7	7.3
WNW	.8	1.7	2.6	1.6	.2						6.9	8.3
NW	.6	1.2	2.2	1.3	.1						5.4	8.6
NNW	.7	1.3	2.3	1.3	.0						5.3	8.7
VARIABLE												
CALM	////////////////////////////////////										7.2	////
TOTALS	8.0	21.1	36.5	27.3	3.6	.3	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 2356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.4	2.6	.2							5.8	5.6
NNE	1.2	3.4	4.3	1.2							10.1	7.3
NE	1.2	1.4	1.4	.7							4.6	6.7
ENE		.7	1.0	.2							1.9	8.0
E	.7	1.0	.9								2.2	6.2
ESE	.5	.7		.2							1.4	5.4
SE	.2	.3									.5	3.7
SSE	.2	.3	.5								1.0	6.8
S	.2	1.2	.9	1.0	.2						3.4	9.3
SSW	2.7	3.4	2.2	3.1	.2						10.9	7.8
SW	1.5	3.6	3.9	1.0							10.1	6.8
WSW	1.5	1.7	2.2	1.4							6.8	7.3
W	2.0	2.9	.7	.2							5.8	4.9
WNW	1.4	2.0	.5								3.9	4.5
NW	1.4	1.2	.3	.2							3.1	4.4
NNW	.7	2.2	1.5								4.4	5.8
VARIABLE												
CALM	////////////////////////////////////										24.1	////
TOTALS	15.0	28.5	22.9	9.2	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS/LSST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	2.3	4.6	1.7	.2						10.5	7.6
NNE	.5	1.8	5.7	1.4	.3						9.7	8.7
NE	.3	1.8	1.7	2.0	.2						6.0	8.8
ENE	.6	1.2	1.8	.2	.3						4.2	7.8
E	.5	.9	2.2	.9							4.5	7.9
ESE	.5	.8	.6								1.8	5.6
SE	.2	.5	.2								.8	6.2
SSE	.2	.8	.3								1.2	5.0
S	.2	1.7	4.2	2.5	.2	.2					8.8	9.6
SSW	.5	2.6	3.2	3.8	.6						10.8	9.7
SW	.5	.8	3.1	3.4	.5						8.2	10.3
WSW	.6	2.0	3.1	2.2							7.8	8.6
W	1.7	3.7	2.6	.5							8.5	6.1
WNW	.9	3.2	1.1	.3							5.5	5.6
NW	.5	1.4	1.8	.3							4.0	7.1
NNW	.5	2.3	1.8	.6							5.7	6.6
VARIABLE												
CALM	////////////////////////////////////										2.2	////
TOTALS	10.0	27.8	38.0	19.7	2.2	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: MAY HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.5	5.9	1.8	.2						10.5	8.7
NNE	.3	2.3	2.0	2.0	.3	.2					7.1	9.4
NE	.3	1.6	3.3	1.3	.2						6.7	8.7
ENE		1.8	2.1	.8							4.8	7.9
E	.7	1.5	3.8	1.0							6.9	7.9
ESE	.2	.9	1.3	.2							2.5	6.9
SE	.7	1.2	.8	.3							2.6	6.6
SSE	.3	.7	1.8	.3							3.1	7.5
S	.8	2.8	8.4	5.9							17.9	9.4
SSW	.3	1.0	3.6	5.3	1.0	.3					11.5	11.6
SW		.5	2.6	2.8	.2	.2					6.2	11.3
WSW		.8	2.6	1.3		.2					4.9	9.5
W	.8	1.2	1.2	.2		.2					3.5	6.8
WNW	.7	2.0	.7	.2							3.5	5.4
NW	.5	.8	1.6	.2							3.1	6.9
NNW	.7	.2	1.5	.5							2.8	7.3
VARIABLE												
CALM	////////////////////////////////////										2.3	////
TOTALS	6.1	21.5	43.3	24.0	1.8	1.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	1.3	3.0	1.5							7.0	7.7
NNE	.5	1.5	3.5	2.8							8.3	9.0
NE	.8	1.0	3.3	.5							5.5	7.7
ENE	.3	4.0	2.8	.3							7.3	6.5
E	.8	4.8	2.0	.8							8.3	6.3
ESE	.3	1.0	2.0	.3							3.5	7.4
SE	.3	1.3	.8								2.3	5.9
SSE	.5	1.3	1.0	.5							3.3	6.8
S	.8	4.3	9.8	5.5	.8	.3					21.4	9.4
SSW	.5	.3	9.3	6.3	2.0	.8					19.1	11.9
SW		.5	1.3	1.5	.3						3.5	10.9
WSW	.3	.5	1.0	.5							2.3	7.7
W	1.0	.8	.5								2.3	4.7
WNW		.5	.3								.8	6.7
NW	.7	.3	.3								.8	5.0
NNW	.3	.5	1.3	.3							2.3	7.0
VARIABLE												
CALM	////////////////////										2.3	////
TOTALS	7.5	23.6	42.0	20.6	3.0	1.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 398

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LEST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		3.0	3.0	1.5								7.6	7.6
NNE			3.0	3.0								6.1	10.5
NE		6.1	3.0									9.1	6.7
ENE	3.0		1.5									4.5	4.0
E	6.1	6.1										12.1	3.8
ESE	1.5	3.0										4.5	5.0
SF	4.5											4.5	2.0
SSE	1.5	1.5										3.0	3.0
S	1.5	4.5	7.6	1.5	1.5							16.7	8.5
SSW		4.5	7.6	4.5								16.7	9.5
SW		1.5	3.0		3.0							7.6	11.6
WSW		1.5										1.5	4.0
W													
WNW													
NW													
NNW	1.5											1.5	2.0
VARIABLE													
CALM	////////////////////											4.5	////
TOTALS	19.7	31.8	28.8	10.6	4.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 66

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.2	4.1	1.3	.1						8.6	7.8
NNE	.6	2.3	3.9	1.8	.2	.0					9.8	8.5
NE	.6	1.6	2.3	1.2	.1						5.8	8.1
NNE	.7	1.7	1.9	.3	.1						4.3	7.4
E	.7	1.9	2.2	.6							5.4	7.0
ESE	.4	.9	.9	.1							2.3	6.4
SE	.3	.7	.4	.1							1.6	5.8
SSE	.3	.7	.9	.2							2.1	6.6
S	.5	2.4	5.5	3.5	.3	.1					12.2	9.4
SSW	.9	2.0	4.2	4.5	.8	.2					12.6	10.3
SW	.5	1.4	2.9	2.2	.3	.0					7.3	9.4
WSW	.6	1.3	2.3	1.4		.0					5.7	8.3
W	1.4	2.2	1.3	.2		.0					5.2	5.7
WNW	.9	2.0	.6	.1							3.6	5.3
NW	.6	1.0	1.1	.2							2.9	6.2
NNW	.7	1.3	1.5	.3							3.9	6.5
VARIABLE												
CALM	////////////////////										7.8	////
TOTALS	10.1	25.7	36.0	19.1	1.8	.5					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: JUN HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.7	1.2									4.8	5.3
NNE	1.2	3.2	3.2	.5								8.1	6.5
NE	.4	1.9	2.5	1.1								5.8	7.8
ENE	.4	.9	1.6	.4								3.2	7.1
E	.4	1.6	.9	.4								3.2	6.3
ESE		1.1	.2									1.2	5.0
SE	.2	.4	.2									.7	4.0
SSE	.4	.4										.7	4.0
S	1.2	1.1	.7	.4								3.4	5.7
SSW	1.4	2.9	2.1	.9								7.3	6.6
SW	.7	3.5	4.4	.9								9.6	7.4
WSW	1.1	2.3	5.1	.9	.4							9.7	7.6
W	1.4	3.7	1.8	.2								7.1	5.3
WNW	.7	1.4	.2									2.3	4.3
NW	.5	1.1	.4	.4								2.3	5.9
NNW	1.2	1.1	.4	.2								2.9	4.6
VARIABLE													
CALM	////////////////////////////////////											27.8	////
TOTALS	12.0	29.2	24.8	6.0	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 505

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.7	2.9	.6							7.3	6.9
NNE	.5	2.7	3.8	1.9							8.9	8.4
NE	.5	1.4	2.9	1.7	.2						6.7	8.5
ENE	.8	1.9	1.9	1.0	.2						5.7	7.5
E	.5	2.1	2.5	1.1							6.2	7.5
ESE	.5	1.7	.8								3.0	5.3
SE	.6	1.0	.2								1.7	4.5
SSE	.5	1.7	.3								2.5	4.9
S	.6	2.5	3.2	1.0							7.3	7.2
SSW	.3	1.9	3.7	1.9							7.8	8.6
SW	.2	1.3	5.7	1.9	.2						9.2	9.2
WSW	.2	3.5	3.5	1.7	.2						9.3	8.2
W	1.0	2.4	3.3	.2							6.8	6.5
WNW	1.1	1.4	.6	.5							3.7	5.7
NW	1.0	2.5	.5	.2							4.1	5.1
NNW	.5	1.4	1.0	.3							3.2	6.3
VARIABLE												
CALM	////////////////////////////////////										6.8	////
TOTALS	9.7	32.7	36.7	14.0	.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.7	1.5	.5								7.4	6.0
NNE	.5	2.3	5.4	1.7								9.9	8.2
NE	.2	2.5	2.3	1.0	.2							6.2	8.1
NNE		2.9	1.5	1.2								5.5	7.7
E	1.2	2.2	2.3	1.2								6.9	6.8
ESE	.5	1.5	1.3									3.4	6.4
SE	.2	.8	.5									1.5	6.2
SSE	.8	.7	1.8									3.4	6.5
S	.5	2.2	8.7	3.4								14.8	8.8
SSW		2.0	3.4	5.2								10.6	10.2
SW	.3	2.7	4.7	2.7	.2							10.2	9.1
WSW	.7	.9	2.5	1.0	.2							5.2	8.4
W	1.7	1.2	1.7									4.2	5.6
WNW	1.7	1.7	.3	.2								3.9	4.2
NW		1.5	1.0	.2	.2							2.9	7.5
NNW	.2	1.3	.7									2.2	5.7
VARIABLE													
CALM	////////////////////////////////////											2.0	////
TOTALS	9.7	29.7	39.8	19.1	.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.9	.7	.2								3.2	6.1
NNE	.5	1.4	5.8	1.4								9.0	8.6
NE	.7	1.2	4.4	.7								6.9	7.9
ENE	.7	3.2	2.8	.5								7.2	6.8
E	1.4	3.2	3.2	.7								8.5	6.2
ESE	.5	3.2	1.6									5.3	5.8
SE	.7	.9	.7									2.3	5.4
SSE	.2	.5	1.2									1.8	6.9
S	1.9	4.4	9.0	5.8								21.0	9.5
SSW	.7	1.6	5.5	6.9	1.2							15.9	10.7
SW		.7	3.2	2.8								6.7	10.2
WSW		.7	1.2	.5								2.3	8.6
W	.7	.9	.5	.5								2.5	6.2
WNW	.7	.5	.5									1.2	6.0
NW	.7	.5	.2									.9	5.5
NNW		.9	1.2									2.1	7.0
VARIABLE													
CALM	////////////////////											3.0	////
TOTALS	8.8	25.6	41.6	19.9	1.2							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2											1.2	3.0
NNE			2.4									2.4	8.0
NE	3.6	6.0	2.4									11.9	4.8
NNE	2.4	2.4	1.2									6.0	5.0
E	2.4	1.2	1.2									4.8	4.3
ESE	2.4	4.8	1.2									8.3	4.6
SE	1.2	3.6										4.8	4.5
SSE	4.8	2.4										7.1	3.2
S	1.2	2.4	4.8	1.2								9.5	6.5
SSW	3.6		6.0	10.7								20.2	10.4
SW		1.2	2.4	2.4								6.0	9.6
WSW	1.2			1.2								2.4	6.5
W	1.2											1.2	2.0
WNW		2.4			1.2							3.6	9.7
NW	1.2											1.2	3.0
NNW		1.2										1.2	5.0
VARIABLE													
CALM	////////////////////											8.3	////
TOTALS	26.2	27.4	21.4	15.5	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: JUN HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.7	1.6	.3							5.7	6.2
NNE	.6	2.4	4.4	1.3							8.8	8.0
NE	.5	1.9	2.9	1.1	.1						6.6	7.9
NNE	.5	2.2	1.9	.7	.0						5.3	7.2
E	.9	2.2	2.2	.8							6.0	6.7
ESE	.4	1.9	1.0								3.3	5.6
SE	.4	.9	.3								1.6	5.1
SSE	.5	.9	.8								2.3	5.5
S	1.0	2.4	5.2	2.3							10.9	8.1
SSW	.7	2.0	3.6	3.8	.2						10.4	9.4
SW	.7	2.0	4.5	2.0	.1						9.0	8.8
WSW	.5	1.9	3.1	1.1	.2						6.7	8.1
W	1.1	2.0	1.9	.2							5.2	5.9
WNW	1.0	1.3	.4	.2	.0						2.9	5.1
NW	.7	1.4	.5	.2	.0						2.6	6.0
NNW	.5	1.2	.7	.1							2.6	5.8
VARIABLE												
CALM	////////////////////										10.1	////
TOTALS	10.7	29.4	34.9	14.3	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	3.5	.7									6.5	4.3
NNE	.7	3.3	2.0									6.1	5.6
NE	.6	1.7	.2									2.4	4.8
ENE	.6	1.1	.9									2.6	5.9
E	.2	.7	.4									1.3	5.6
ESE	.2	.2	.2	.2								.7	7.0
SE	.2	.2										.4	3.5
SSE	.2											.2	2.0
S	.4	1.5	.2									2.2	4.8
SSW	1.9	4.3	2.4	.4								9.9	5.7
SW	2.9	5.6	4.3	1.1								13.4	6.4
WSW	1.7	3.7	2.4	.4								7.8	5.9
W	2.6	3.9	.7	.4								7.6	4.8
WNW	2.4	1.1	.4									3.9	3.7
NW	1.3	.7	.6									2.6	4.4
NNW	.7	.9	.4									2.0	4.4
VARIABLE													
CALM	////////////////////											31.2	////
TOTALS	18.0	32.5	15.8	2.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.9	2.6	.3							5.5	6.6
NNE	1.1	3.2	3.5								7.9	6.3
NE		1.3	3.7	.2							5.2	7.6
ENE	1.0	2.1	2.3	.2							5.5	6.1
E	.6	1.9	1.6								4.0	5.8
ESE	1.0	1.1	.3	.3							2.7	4.9
SE	.6	.6									1.3	3.6
SSE	.5	.6	.5	.3							1.9	6.1
S	.9	2.6	1.8	.6							5.8	6.6
SSW	.6	2.1	3.1	1.6							7.4	8.2
SW	1.4	4.3	4.8	1.8	.3						12.7	7.9
WSW	1.0	3.2	3.1	2.1							9.3	7.5
W	2.6	4.3	1.6	.2							8.7	5.2
WNW	1.8	3.2	.8								5.8	4.3
NW	1.1	1.6	.5	.3							3.7	4.9
NNW	1.1	2.1	.5	.5							4.2	5.4
VARIABLE												
CALM	////////////////////////////////////										8.4	////
TOTALS	16.1	36.2	30.6	8.4	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.1	1.7	.2							5.3	5.6
NNE	.5	2.4	3.4	1.2							7.6	7.5
NE	1.0	2.2	2.6	.3							6.2	6.6
ENE	.7	1.6	2.4								4.7	6.5
E	.9	2.1	2.6	.3							5.9	6.5
ESE	1.2	1.9	.7								3.8	4.9
SE	.5	.7	.5								1.7	5.2
SSE	.2	1.4	.7								2.2	5.9
S	.2	4.0	6.9	2.2	.2						13.4	8.3
SSW	.9	2.1	6.0	3.1	.2	.2					12.4	9.1
SW	.3	1.9	5.0	1.7	.3	.2					9.5	9.0
WSW	.7	2.2	2.4	1.2	.2						6.7	7.9
W	.5	3.1	.9	.9							5.7	6.4
WNW	1.7	1.0	.2								2.9	4.7
Wd	.7	1.0	.3								1.7	4.7
NNW	1.2	1.9	1.0								4.1	4.8
VARIABLE												
CALM	////////////////////										6.0	////
TOTALS	12.6	31.6	37.4	11.2	.9	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	.6	1.1								2.8	5.6
NNE	.8	2.0	2.5	.6							5.9	7.1
NE	.3	3.7	3.7	.8							8.5	7.3
NNE	.3	2.0	2.8								5.1	6.7
E	.7	5.9	2.5	.6							9.3	6.2
ESE	2.5	1.1	1.7								5.4	4.8
SE		.3	.3								.6	6.5
SSE	.8	1.1	.6								2.5	4.9
S	1.1	5.7	6.8	4.0	.3						17.8	8.3
SSW	.3	3.7	7.1	7.4	.3						18.7	9.7
SW	.3	1.4	2.0	3.1							6.8	9.7
WSW	.3	2.0	1.1	.8							4.2	7.6
W	.8	.8	.8	.3							2.8	5.9
WNW		.8									.8	4.0
NW	.6		.3								.8	4.3
NNW		.8	.8								1.7	5.8
VARIABLE												
CALM	////////////////////////////////////										5.9	////
TOTALS	9.6	32.0	34.3	17.6	.6						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE		5.9	2.0								7.8	6.0
NE	5.9	5.9									11.8	3.8
NNE		2.0									2.0	5.0
E	2.0	2.0									3.9	3.0
ESE	3.9	5.9									9.8	3.4
SE		2.0									2.0	4.0
SSE	2.0										2.0	2.0
S	2.0	5.9	3.9	2.0							13.7	6.4
SSW	2.0	7.8	11.8	2.0							23.5	7.5
SW				3.9							3.9	12.5
WSW												
W			2.0								2.0	8.0
WNW												
NW												
NNW			2.0								2.0	10.0
VARIABLE												
CALM	////////////////////////////////////										15.7	////
TOTALS	17.6	37.3	21.6	7.8							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 51

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(LEST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	2.1	1.6	.1								5.1	5.5
NNE	.8	2.9	2.9	.4								7.0	6.6
NE	.6	2.1	2.4	.3								5.5	6.7
ENE	.7	1.7	2.0	.0								4.4	6.3
E	.6	2.3	1.7	.2								4.7	6.1
ESE	1.2	1.2	.6	.1								3.1	4.9
SE	.4	.5	.2									1.1	4.6
SSE	.4	.7	.4	.1								1.7	5.5
S	.7	3.3	3.6	1.5	.1							9.1	7.7
SSW	1.0	3.0	4.6	2.7	.1	.0						11.4	8.4
SW	1.2	3.4	4.2	1.9	.2	.0						10.8	7.9
WSW	.8	2.8	2.3	1.2	.0							7.2	7.2
W	1.2	3.2	1.1	.4								6.5	5.4
WNW	1.6	1.6	.4									3.6	4.1
NW	.9	.9	.4	.1								2.3	4.7
NNW	.8	1.5	.7	.1								3.2	5.1
VARIABLE													
CALM	////////////////////											13.3	////
TOTALS	14.6	33.4	29.1	9.1	.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 2143

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	2.5	1.2									5.7	4.7
NNE	.6	1.9	2.2									4.5	6.5
NE	1.0	1.4	1.4									3.7	5.6
NNE	1.2	.6	.4	.2								2.3	5.3
E	.4	.4	.2									1.0	4.6
ESE	.6	.2										.8	3.5
SE				.2	.2							.4	11.0
SSE	.6	.2			.2							1.0	5.0
S	.8	1.0	.6	.2								2.5	5.5
SSW	2.3	2.5	.6	.2								5.7	4.5
SW	2.9	4.7	2.0	.4								10.0	5.2
WSW	1.2	2.5	1.0	.2								4.9	5.3
W	2.5	2.3	.6									5.5	4.2
WNW	1.0	2.2										3.1	3.9
NW	1.2	1.8	.2									3.1	4.1
NNW	1.6	1.4										2.9	3.5
VARIABLE													
CALM	////////////////////////////////////											42.7	////
TOTALS	20.0	25.4	10.4	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLNLY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.7	2.4	.2							7.6	5.6
NNE	1.0	3.9	4.3	1.0							10.1	7.1
NE	.7	2.7	3.4	1.0							7.2	7.5
ENE	.3	1.1	1.8	.3							3.5	7.4
E	1.0	1.9	1.3								4.2	5.5
ESE	.2	.8	.5								1.4	6.3
SE	.5	.8	.2								1.4	4.0
SSE		.5	.5								1.0	6.7
S	.5	4.0	3.4	1.3							9.2	7.4
SSW	.5	1.6	3.5	.5							6.1	7.4
SW	.5	3.4	4.0	3.1							11.1	8.2
WSW	.6	3.1	2.3	1.0							6.9	7.1
W	2.4	5.7	1.3	.5							9.7	5.3
WNW	1.6	1.1	.3								3.1	3.9
NW	.6	1.1	.5								2.3	5.0
NNW	.7	2.1	.5								2.9	4.9
VARIABLE												
CALM	////////////////////////////////////										12.7	////
TOTALS	11.6	36.9	30.1	8.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.6	2.3	.7							5.2	7.2
NNE	1.5	3.6	3.1	.7							8.8	6.5
NE	.7	2.0	3.6	1.3							7.5	8.0
ENE	.5	2.5	1.8	.5							5.2	6.7
E	1.0	2.5	1.8	.3							5.6	6.3
ESE	1.7	1.8	.7								3.8	4.6
SE	.3	1.1	.3								1.8	5.2
SSE	.5	1.0	1.6	.3							3.4	7.0
S	.8	2.9	8.5	2.9							15.2	8.4
SSW	.2	2.6	4.7	3.4							11.0	9.1
SW	.3	1.6	3.4	2.3							7.7	9.2
WSW	.5	1.6	2.6	1.3	.2						6.2	7.9
W	1.1	3.3	1.1								5.6	5.0
WNW	.3	1.8									2.1	4.8
NW	.2	.9	.3								1.3	5.6
NNW	.5	1.0	1.1								2.6	5.8
VARIABLE												
CALM	////////////////////										6.9	////
TOTALS	10.7	31.9	37.2	13.7	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(1ST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.6	.8								2.6	6.1
NNE	.3	3.6	3.4	1.0							8.3	7.4
NE	1.6	1.8	1.3	1.3							6.0	6.9
ENE	.7	1.6	.8	.8							3.4	7.3
E	2.6	8.1	.8								11.5	4.8
ESE	.8	2.3	1.6								4.7	5.7
SE	1.0	.8									1.8	3.7
SSE		1.0	.5	.3							1.8	7.0
S	.5	3.4	9.4	5.7							19.0	9.2
SSW	.7	2.9	11.2	5.5							19.8	9.3
SW		1.7	3.6	1.3							6.2	9.8
WSW	.8	1.0	.5		.3						2.6	6.4
W	.5	.5	.3								1.3	5.0
WNW		.8									.8	5.0
NW	.7	.5									.8	4.7
NNW	.5	.5									1.7	3.3
VARIABLE												
CALM	////////////////////										9.3	////
TOTALS	9.6	11.8	34.1	15.9	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 344

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(IST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6		1.6								3.3	4.5
NNE		3.3									3.3	5.0
NE		1.6	1.6								3.3	7.0
ENE		3.3									3.3	5.0
E		8.2									8.2	4.8
ESE	1.6										1.6	2.0
SE												
SSE												
S	3.3	3.3									6.6	4.0
SSW		13.1	13.1	8.2							34.4	8.6
SW	1.6	3.3	1.6	1.6							8.2	6.8
WSW												
W	1.6	1.6									3.3	4.0
WNW												
NW												
NNW												
VARIABLE												
CALM	////////////////////////////////////										24.6	////
TOTALS	9.8	37.7	18.0	9.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 61

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(DIST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.4	1.8	.2							5.5	5.8
NNE	.9	3.2	3.2	.6							8.0	6.9
NE	.7	2.0	2.6	.9							6.2	7.3
ENE	.5	1.5	1.2	.4							3.7	6.7
E	1.1	3.0	1.1	.1							5.2	5.4
ESE	.7	1.2	.6								2.5	5.1
SE	.4	.7	.2	.0							1.3	4.9
SSE	.1	.6	.7	.2							1.8	6.7
S	.7	2.9	5.1	2.2							11.0	9.2
SSW	.8	2.7	4.8	2.3							10.6	9.3
SW	1.0	2.6	3.2	1.9							9.7	7.7
WSW	.7	2.1	1.7	.7	.1						5.3	6.9
W	1.7	3.0	.9	.1							5.8	4.9
WNW	.8	1.5	.1								2.3	4.2
NW	.5	1.1	.3								1.9	4.7
NNW	.7	1.3	.5								2.4	4.6
VARIABLE												
CALM	////////////////////////////////////										17.6	////
TOTALS	12.8	31.9	27.8	9.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 2168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746957 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS(UTC): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.8	3.6	.6	.6							9.6	4.5
NNE	2.8	4.4	3.8	.6							11.6	5.9
NE	1.8	3.0	1.2	.8							6.8	5.9
ENE	1.0	1.0	.6								2.6	4.9
E	.2	1.0	.4	.4							2.0	6.9
ESE	.6		.6								1.2	4.8
SE		.2									.2	5.0
SSE	.4										.4	2.0
S	.8	.4	.4	.8	.2						2.6	8.2
SSW	1.4	2.0	1.2	.2							4.8	5.5
SW	1.8	1.8	1.6	.4							5.6	5.6
WSW	1.4	1.8	.6	.2							4.0	4.9
W	2.2	1.6	.2								4.0	3.7
WNW	1.2	1.0									2.2	3.4
NW	1.4	2.4	.2								4.0	4.3
NNW	3.4	1.0	.2	.2							4.8	3.2
VARIABLE												
CALM	////////////////////										33.7	////
TOTALS	25.1	25.1	11.6	4.2	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	4.8	4.2	1.1							11.0	7.0
NNE	1.2	4.4	5.9	1.8	.2						13.5	7.5
NE	.5	3.0	7.6	2.8							14.3	8.5
ENE	.4	1.9	3.7	.9							6.9	7.8
E	1.2	2.5	2.3	.2							6.2	6.0
ESE	.2	.4	.5								1.1	6.0
SE	.4	.2	.4	.2							1.1	7.5
SSE		.2	.5	.2							.9	8.4
S	.4	1.4	1.6	1.1	.2						4.6	8.8
SSW	.4	.5	1.8	.7							3.4	8.0
SW	.4	1.4	3.9	1.2							6.9	8.4
WSW	.4	1.4	2.8	.4							5.0	7.2
W	1.4	5.3	2.3	.2							9.2	5.5
WNW	.7	2.3	.2								3.2	4.4
NW	.2	2.5	1.2	.2							4.1	6.1
NNW	.4	1.1	.9	.7							3.0	7.1
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	9.0	33.3	39.8	11.5	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS(UT): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	3.9	3.1	1.6							9.2	7.3
NNE	.6	3.5	5.3	5.5							14.9	9.1
NE	.8	3.1	5.7	3.7	.4						13.7	8.8
NNE	.8	1.4	4.5	.4							7.0	7.4
E	.4	2.0	3.7	.4							6.8	7.0
ESE	.4	2.0	.6								2.9	5.3
SE	.7	.2	.2								.6	5.0
SSE	.2	1.2	1.0	.2							2.5	7.4
S	.6	2.7	6.5	2.2	.4						12.3	8.5
SSW		.8	2.3	2.3	.2						5.7	10.4
SW	.4	1.6	2.7	1.6							6.3	8.6
WSW	.5	1.4	2.9	1.0							5.9	7.6
W	.4	2.3	1.2	.4							4.3	6.3
WNW	.8	1.2	.2	.4							2.5	5.2
NW	.4	.4	.6	.4							1.8	6.6
NNW	.4	.4		.2							1.0	5.4
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	7.8	26.0	40.5	20.2	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 511

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS(EST): 1500-1700

DIRECTION (DIRECTION)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.7	1.5	.7								5.8	6.8
NNE	.4	3.3	8.7	3.3								15.6	8.7
NE	1.8	5.1	6.5	6.5	.4							22.4	8.9
ENE	.4	3.3	3.3									6.9	6.7
E		2.2	1.5	.4								4.0	6.0
ESE	1.1	1.1										2.2	3.8
SE	.4											.4	3.0
SSE	.7	1.5										2.2	4.3
S	1.5	7.3	5.0	5.1								19.6	8.0
SSW	.4		6.5	3.3								10.2	10.0
SW		.7	1.1	1.5								3.3	9.8
WSW		.7		.4								1.1	8.0
W		.7	1.5		.4							2.5	8.9
WNW	.4	1.1	.4									1.8	5.8
NW		.7	.7									1.5	6.8
NNW	.7	.4	.7									1.8	5.4
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	8.4	10.5	38.2	21.1	.7							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 275

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS:

PERIOD OF RECORD: 79,81-85,87
MONTH: SEP HOURS(EST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 30

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: SEP HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	3.9	2.6	1.0							9.3	6.4
NNE	1.5	3.9	5.5	2.8	.1						13.8	7.8
NE	1.2	3.3	5.1	7.0	.2						12.9	8.3
ENE	.6	1.7	3.0	.4							5.7	7.1
E	.7	1.9	2.0	.3							4.9	6.5
ESE	.5	.8	.5								1.8	5.1
SE	.2	.2	.2	.1							.6	6.2
SSE	.3	.6	.4	.1							1.4	6.5
S	.7	2.4	3.2	1.9	.2						8.4	8.3
SSW	.5	1.0	2.6	1.4	.1						5.5	8.7
SW	.7	1.4	2.6	1.1							5.8	7.9
WSW	.6	1.4	1.8	.5							4.3	6.8
W	1.1	2.8	1.3	.2	.1						5.4	5.6
WNW	.5	1.4	.2	.1							2.5	4.5
NW	.5	1.1	.7	.2							3.0	5.6
NNW	1.2	.7	.4	.3							2.7	4.9
VARIABLE											12.1	////
CALM											12.1	////
TOTALS	13.1	29.0	32.0	13.3	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 1882

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746953 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.6	5.0	1.8	.8							11.2	5.1
NNE	1.8	4.2	3.4	1.2	.2						10.8	7.1
NE	1.2	1.8	2.2	1.0	.2						6.4	7.2
ENE	.4	.6	.4	.6							2.0	7.9
E			.4	.2							.6	10.0
ESE	.2	.4									.6	4.7
SE												
SSE			.2	.4							.6	11.0
S	1.2	.6	.2	.4							2.4	5.5
SSW	1.0	1.4	1.0								3.4	5.7
SW	1.6	.4	.8								3.2	4.2
WSW	.4	.6	.8								1.8	5.8
W	1.2	1.6	.4	.2							3.4	5.2
WNW	1.2	1.4	.6								3.2	4.7
NW	2.2	1.6	1.6	.4							5.8	5.4
NNW	1.6	2.0	1.2	.2							5.0	5.2
VARIABLE												
CALM	////////////////////////////////////										39.6	////
TOTALS	17.6	22.0	15.0	5.4	.4						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	3.9	5.5	2.3								13.4	7.4
NNE	1.0	4.2	5.0	3.2	.2							13.5	9.5
NE	.6	2.4	5.2	3.1	.2	.2						11.6	9.3
ENE	.6	1.4	3.2	1.3		.2						6.8	8.4
E	1.1	1.9	1.0	1.4		.2						5.6	7.5
ESE	.5	1.1		.2								1.8	5.0
SE	.1	.2	.3	.2								1.0	6.3
SSE	.5	.3	.5									1.3	5.8
S	.3	1.0	1.1	.8								3.2	7.9
SSW	.3	.6	2.4	.5								3.9	8.3
SW	.2	2.1	1.8	1.1								5.3	7.9
WSW	.7	1.9	1.3	.2								3.5	6.8
W	.6	4.5	1.3	.2								6.6	5.7
WNW	.5	2.1	.8	.3								3.7	6.1
NW	1.7	.5	.3	1.0								3.1	6.4
NNW	1.0	1.6	2.1	.6								5.3	7.2
VARIABLE													
CALM	////////////////////////////////////											10.5	////
TOTALS	11.1	29.6	31.7	16.3	.3	.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LOCAL): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	2.4	4.6	2.4								9.9	8.8
NNE	1.2	3.6	4.6	3.8	.2							13.3	9.4
NE	.9	1.4	4.9	3.9								11.1	9.5
ENE	.7	2.0	2.6	1.9	.3							7.5	8.8
E	.7	3.1	2.9	.7								7.3	6.8
ESE	.5	.7	.7									1.9	5.6
SE	1.0	.7	.5									2.2	4.9
SSE	.2	.5										.9	4.4
S	.5	3.8	4.1	1.4								9.7	7.4
SSW	.3	.7	3.4	1.9								6.3	9.3
SW	.5	1.5	3.2	1.7								7.0	8.4
WSW	.7	.9	1.5	.5								3.1	8.0
W	1.5	1.9	.3									3.8	4.4
WNW	.5	2.0	.9	.2								3.6	5.7
NW	.7	1.4	1.4	.7								3.9	7.1
NNW	.7	1.4	1.9	.5								4.1	8.1
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	10.1	27.8	37.5	19.5	.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 586

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.6	1.6	1.6							5.1	8.7
NNE	1.2	3.9	7.6	2.1	.5						15.2	8.3
NE	1.4	2.3	4.4	2.5	.2						10.8	8.6
NNE	1.2	3.7	2.1	1.4							8.3	7.1
E	1.8	3.5	2.5								7.8	5.4
ESE	1.2	1.8	.5								3.5	4.7
SE	.2	.2	.2								.7	4.3
SSE	1.4	.7	.2								2.3	3.4
S	1.6	5.1	4.4	2.8							13.8	7.3
SSW	.2	.9	5.3	1.6							8.1	9.0
SW	.2	1.6	2.3	1.2							5.3	8.0
WSW	.2	.5	.5								1.2	6.0
W	.5	.2									.9	3.8
WNW	.5	.7	.5								2.1	4.8
NW	.2	1.2	.2	.7							2.3	7.6
NNW	.5	.2	1.4	1.2							3.2	8.7
VARIABLE												
CALM	////////////////////										9.4	////
TOTALS	12.5	28.3	33.6	15.0	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
MONTH: OCT HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.9		1.5								7.4	3.2
NNE	5.9	1.5	2.9	4.4							14.7	7.2
NE	1.5	1.5	1.5	1.5							5.9	7.5
ENE	1.5			1.5							2.9	8.5
E	1.5		1.5								2.9	5.5
ESE												
SE												
SSE	1.5										1.5	3.7
S	1.5	1.5									2.9	3.5
SSW	1.5	2.9	2.9	1.5							8.8	7.3
SW	1.5										1.5	2.0
WSW	2.9										2.9	2.0
W												
WNW	1.5										1.5	2.0
NW	1.5		1.5								2.9	6.5
NNW												
VARIABLE												
CALM	////////////////////////////////////										44.1	////
TOTALS	27.4	7.4	11.8	6.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 68

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.2	3.5	1.8							10.1	7.7
NNE	1.4	3.9	5.0	2.7	.2						13.2	8.1
NL	1.0	1.9	4.2	2.7	.1	.0					10.0	8.9
ENE	.7	1.8	2.1	1.3	.1	.0					6.1	8.1
E	.9	2.0	1.7	.6		.0					5.3	6.7
ESE	.5	1.0	.3	.0							1.8	5.1
SE	.4	.3	.3	.0							1.0	5.2
SSE	.5	.4	.2	.1							1.2	5.1
S	.4	2.4	2.3	1.2							6.8	7.2
SSW	.5	1.0	2.9	1.0							5.4	6.3
SW	.7	1.5	2.0	1.0							5.2	7.5
WSW	.4	1.0	1.0	.2							2.5	6.8
W	1.0	2.2	.5	.1							3.8	5.2
WNW	.8	1.6	.7	.1							3.2	5.4
NW	1.0	1.1	.9	.7							3.7	6.4
NNW	.9	1.3	1.6	.6							4.3	7.1
VARIABLE												
CALM	////////////////////										16.3	////
TOTALS	13.2	26.6	29.2	14.2	.5	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 1209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.0	3.4	3.0	2.7	.2						11.8	7.0
NNE	1.0	3.7	2.7	2.0							9.4	7.2
NE	1.2	2.0	1.0	.2							4.4	5.4
ENE	1.0	1.2	.5								2.7	5.0
E	.5	.7	.7	.2							2.2	6.6
ESE	.2	.5		.7							1.5	8.7
SE		.7	.2								.5	6.0
SSE	.2	.2	.2								.7	5.7
S	.7	.7	2.5	.5							4.4	7.5
SSW	1.5	1.5	.7	.5							4.2	5.6
SW	1.5	1.5	1.2	1.0							5.2	6.8
WSW	1.7	.5	.2	.7							3.2	5.6
W	1.5	2.5	1.0								4.9	4.7
WNW	1.5	1.7	1.0								4.2	4.6
NW	1.7	2.7	.7								4.7	4.3
NNW	1.5	2.7	1.0	.5							5.7	5.8
VARIABLE												
CALM	////////////////////										30.3	////
TOTALS	18.7	25.4	16.7	9.6	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTHS: NOV 1981-DEC 1986

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	4.7	5.2	2.2	.2							13.2	8.0
NNE	.4	4.9	4.6	2.9	.3							13.5	6.4
NE	1.0	3.6	3.6	.5								8.6	6.9
ENE	1.0	1.5	1.7	.8								4.6	7.4
E	.7	2.4	1.4	.3								4.4	6.7
ESE	.5	1.2	1.2									2.9	6.5
SE	.5	.5		.2								1.2	5.1
SSE	.7	.8	.3	.2								1.2	6.6
S	.5	2.0	2.5	2.2	.2							7.8	8.5
SSW	1.0	2.0	1.0	.7								4.7	6.4
SW	.4	1.9	2.2	1.2								6.1	7.9
WSW	1.0	1.5	1.5	1.2	.2							5.4	7.9
W	.7	2.5	1.5		.2							4.6	6.4
WNW	.7	1.4	2.0	.2								3.9	6.8
NW	.7	.5	1.5	1.0								3.7	8.2
NNW	.7	.9	1.5	1.7								4.7	8.6
VARIABLE													
CALM	////////////////////											9.5	////
TOTALS	10.8	31.7	32.1	15.2	1.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	1.9	5.3	3.6								11.7	9.2
NNE	.7	2.7	4.8	3.6								11.9	8.9
NL	.7	2.4	5.2	1.4	.3							9.6	8.4
FNE	.3	1.4	2.1	.7								4.5	7.8
E		1.0	2.6	1.0								4.6	8.4
ESE	.0	1.2	.5									1.9	6.3
SE		.5	.3	.2								1.0	7.5
SSE	.7	.7	1.4									2.4	6.9
S	.3	4.0	6.9	1.7	.2							13.1	8.3
SSW	.7	.9	2.9	2.2	.2							6.5	9.3
SW		.9	2.2	2.6								5.7	9.9
WSW	.7	2.1	2.2	1.7								6.2	8.8
W	.9	1.0	.7	.2								2.9	5.7
WNW	.7	1.5	1.7	.7								4.5	7.0
NW	.9	1.4	1.2	.9								4.3	7.2
NNW	.2	1.7	1.5	1.5								5.0	8.8
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	6.1	25.4	41.6	27.0	.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 542

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.2	3.6	1.9								8.4	8.1
NNE	1.0	3.4	5.1	2.7								12.3	8.0
NE	1.2	2.9	2.9	1.2								8.2	6.9
NNE	.7	1.2	1.7	.2								3.9	6.5
E	1.0	3.6	1.7									6.3	5.5
ESE	1.0	1.0	.5									2.7	4.2
SE		1.0	.2									1.2	5.0
SSE	.5	.2	.2									1.0	4.8
S	1.7	6.5	5.3	.7	.2							14.5	6.7
SSW	1.4	3.9	3.6	1.7								10.6	7.3
SW	.5	1.0	1.9	1.9								.	9.0
WSW	.0	.7	.7	.7								2.4	8.3
W	1.0	1.9	.5	.7								4.1	6.1
WNW	.7	1.7	.7	.5								3.6	6.5
NW	.7	1.0	1.0	.5								3.6	7.1
NNW	.7	.5	1.0	.5								2.7	6.5
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	13.0	33.0	31.1	17.3	.2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
MONTH: NOV HOURS(LST): 1P00-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	3.0	5.0								11.3	6.2
NNE	3.0	2.5	2.5								8.0	4.6
NE	3.5										3.5	2.7
ENE			1.3								1.3	10.0
E	1.3										1.3	2.0
ESE		1.3									1.3	4.0
SE												
SSE												
S	2.5	2.5	1.3	1.3							7.5	6.7
SSW	5.0	2.5	2.5								10.0	4.6
SW	2.5	1.3									3.8	3.7
WSW	1.3	1.3		1.3							3.8	6.3
W	1.3	6.3	1.3								8.9	5.1
WNW		2.5									2.5	5.0
W	2.5		1.3								3.8	4.3
NNW		1.3									1.3	5.0
VARIABLE												
CALM	////////////////////										31.3	////
TOTALS	26.7	25.0	15.0	2.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 80

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	3.1	4.5	2.5	.1							11.5	8.1
NNE	1.0	3.7	4.3	2.7	.1							11.8	8.2
NE	1.0	2.7	3.2	.8	.1							7.8	7.2
ENE	.7	1.2	1.5	.5								3.9	7.1
E	.4	1.8	1.6	.4								4.3	6.8
ESE	.4	1.1	.6	.1								2.2	6.1
SE	.1	.5	.2	.1								1.0	5.9
SSE	.3	.4	.6	.0								1.4	6.4
S	.9	3.2	4.3	1.4	.1							9.9	7.8
SSW	1.2	2.0	2.1	1.3	.0							6.5	7.3
SW	.7	1.3	1.9	1.6								5.5	8.3
WSW	.3	1.7	1.3	1.2	.0							4.5	7.9
W	.9	2.2	1.0	.2	.0							4.2	5.7
WNW	.7	1.8	1.4	.3								4.0	6.3
NW	1.0	1.2	1.3	.6								4.1	6.7
NNW	.7	1.4	1.3	1.1								4.4	7.7
VARIABLE													
CALM	////////////////////											12.9	////
TOTALS	12.1	29.6	30.9	14.9	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 2074

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	4.8	3.6	1.0	.3	.3					12.2	6.6
NNE	.5	2.0	1.3	1.5							5.3	7.9
NE	.3	1.8	.5	.8	.3						3.6	8.0
ENE		.3									.3	4.0
E	.5		.8								1.3	6.2
ESE		.3	.5								.9	6.7
SE	.3										.3	3.0
SSE	.3		.3	.3							.8	7.7
S	2.0	.9	1.3	1.0							5.1	6.5
SSW	2.5	2.5	1.3	.3							6.6	4.8
SW	.5	1.9	2.8	.8							5.9	7.1
WSW	.8	1.5	1.0	.5							4.1	6.1
W	2.3	.9	.8	1.0							4.8	6.1
WNW	2.7	1.0	2.5	.3							5.9	6.1
WW	1.5	2.3	1.0	1.0							5.9	6.3
NNW	4.1	3.6	1.3	.3	.5						9.7	5.2
VARIABLE												
CALM	////////////////////										27.7	////
TOTALS	19.8	23.7	18.8	8.7	1.0	.3					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 393

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	4.9	4.7	2.8	.8						15.7	7.9
NNE	.8	3.3	4.9	2.0							11.0	7.8
NE	.7	1.8	2.3	1.5	.3	.2					6.7	8.8
ENE	.2	.8	.3	.2							1.5	6.3
E	.5	1.7	1.0								2.8	5.7
ESE	.3	.3	.7								1.3	6.1
SE		.7	.3								.7	5.5
SSE	.2	.3		.2							.7	6.5
S	1.0	1.8	.8	.8	.3						4.7	7.5
SSW	1.5	2.6	2.5	1.0	.2						7.7	7.1
SW	.5	3.1	3.3	1.5	.2						8.5	7.9
WSW	.5	2.6	2.1	1.8							7.0	8.1
W	1.0	2.3	1.1	.5	.3						5.2	7.1
WNW	.8	1.1	1.6	.7	.3						4.6	8.0
NW	.8	1.5	2.1	1.6							6.1	8.3
NNW	1.6	1.6	1.6	1.3	.3						6.5	7.6
VARIABLE												
CALM	////////////////////////////////////										9.3	////
TOTALS	12.8	29.8	29.5	15.7	2.8	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.7	3.2	3.3	.3	.7					10.0	9.2
NNE	1.2	2.7	5.0	4.7	.2						13.6	9.1
NE	.7	2.2	2.0	1.8	.2						6.8	8.3
ENE	.2	.9	.8	.2							2.7	6.9
E	1.0	.7	1.0								2.7	5.5
ESE	.3	.7	.3								1.3	5.4
SE	.2	.2	.3								.7	6.0
SSE		.3	.2	.2							.7	8.3
S	.8	2.8	2.0	.5							6.2	6.9
SSW	.3	1.7	4.7	2.8	.5						9.3	10.5
SW		1.7	4.5	4.0	.2						10.3	10.0
WSW	.5	1.5	3.2	2.3	.2						7.7	9.2
W	1.0	2.5	2.7	.3							7.3	6.0
WNW	.7	1.0	1.7	.8							4.3	8.0
NW	.3	1.5	2.0	.8							4.7	7.8
NNW	1.2	1.5	2.8	2.5	.3						8.3	9.2
VARIABLE												
CALM	////////////////////										4.2	////
TOTALS	10.8	22.5	36.3	24.3	1.8	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.2	5.4	3.1							10.6	8.8
NNE	2.1	2.6	5.4	3.1	.5						13.7	6.2
NE	.9	2.1	1.9	1.7							6.6	7.5
ENE	.7	.9	1.2	.2							3.1	6.4
E	.5	.2	.2								.9	4.8
ESE		.2		.2							.5	8.5
SE	.5	.2									.7	3.3
SSE	.5	.2	.2	.2							1.2	5.8
S	2.1	4.2	3.3	.9							10.6	6.6
SSW	.9	4.5	4.7	1.7	.5	.2					12.5	7.9
SW	.7	2.4	3.5	1.2							7.3	8.1
WSW	.7	1.4	2.1								4.2	6.1
W	1.7	1.4	1.9	.7							5.7	6.4
WNW	.7	1.2	1.9	.5							4.2	7.1
NW	.7	.5	1.9	.9							4.0	8.4
NNW	.9	1.4	3.3	.7							6.6	7.5
VARIABLE												
CALM	////////////////////////////////////										7.5	////
TOTALS	19.2	24.0	37.0	15.3	.9	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATION

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
MONTH: DEC HOURS(LOCAL): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	4.3	1.4	1.4								10.1	6.3
NNE	5.8	2.9	2.9	1.4								13.0	5.6
NE	1.4	1.4		1.4								4.3	6.0
ENE													
E	1.4			1.4								2.9	7.0
ESE													
SE													
SSE													
S		2.9	2.9									5.8	6.0
SSW	2.9	8.7	4.3			1.4						17.4	6.9
SW	1.4	2.9										4.3	4.0
WSW	1.4	1.4	1.4									4.3	5.0
W		4.3										4.3	4.7
WNW	1.4											1.4	2.0
NW	1.4			1.4								2.9	7.5
NNW	1.4											1.4	2.0
VARIABLE													
CALM	////////////////////											27.5	////
TOTALS	21.7	29.0	13.0	7.2		1.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	3.1	4.1	2.6	.4	.1						12.2	8.1
NNE	1.3	2.7	4.3	2.9	.1							11.3	8.3
NL	.7	2.0	1.7	1.5	.2	.0						6.1	8.2
NNE	.2	.7	.6	.1								1.7	6.5
E	.7	.6	.8	.0								2.1	5.7
ESE	.2	.4	.4	.0								1.0	6.1
SE	.2	.2	.2									.6	4.9
SSE	.2	.2	.1	.2								.8	6.9
S	1.7	2.4	1.8	.8	.1							6.4	6.8
SSW	1.3	2.7	3.4	1.5	.3	.1						9.2	8.0
SW	.7	2.3	3.5	2.0	.1							8.2	8.5
WSW	.6	1.9	2.2	1.3	.0							6.0	7.9
W	1.6	2.0	1.6	.6	.1							5.9	6.4
WNW	1.0	1.1	1.8	.6	.1							4.6	7.3
NW	.8	1.4	1.8	1.1								5.1	7.7
NNW	1.8	1.9	2.2	1.3	.3							7.5	7.5
VARIABLE													
CALM	////////////////////											11.5	////
TOTALS	14.1	25.5	30.4	16.5	1.7	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 2098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	2.7	3.6	1.8	.2	.1	.0				9.7	8.0
NNE	.9	2.7	4.2	2.1	.2	.0					10.1	8.3
NE	.7	1.9	2.8	1.3	.1	.0	.0				6.8	8.0
ENE	.5	1.4	1.7	.6	.0	.0					4.2	7.5
E	.7	1.9	1.6	.4	.0	.0					4.5	6.5
ESE	.5	1.0	.8	.1							2.3	6.1
SE	.7	.5	.3	.1	.0						1.1	5.9
SSE	.7	.5	.5	.2	.0	.0					1.6	6.8
S	.7	2.4	3.7	1.9	.2	.0					8.8	8.4
SSW	.8	1.8	3.1	2.5	.4	.1	.0				8.5	9.3
SW	.5	1.7	2.7	1.7	.2	.1	.0	.0			7.0	8.9
WSW	.5	1.4	1.8	1.0	.1	.0	.0	.0			4.9	8.1
W	1.2	2.2	1.5	.6	.0	.7					5.5	6.4
WNW	.7	1.6	1.2	.5	.1	.0	.0				4.3	6.7
NW	.7	1.3	1.3	.7	.1	.0	.0				4.1	7.4
NNW	.9	1.5	1.6	1.0	.1	.0	.0				5.1	7.7
VARIABLE												
CALM	////////////////////										11.3	////
TOTALS	11.7	26.4	32.4	16.5	1.6	.4	.1	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 25960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.5	6.1	3.1	.3	.1	.1				14.5	8.6
NNE	1.1	3.4	5.8	2.9	.5	.2					14.0	8.9
NE	.9	2.0	2.4	1.2	.2	.0	.0				6.4	7.9
ENE	.5	1.0	1.7	1.0	.1						4.4	8.5
E	.2	1.0	1.0	.5	.0						2.8	7.4
ESE	.2	.5	.9	.3							2.0	7.9
SE	.2	.3	.4	.2	.0						1.2	7.5
SSE	.1	.5	.4	.3	.0	.0					1.5	8.5
S	.6	1.3	1.8	1.7	.3						5.8	9.2
SSW	.5	1.1	1.7	1.2	.6	.1					5.5	9.4
SW	.4	1.2	1.7	.9	.1						4.2	8.2
WSW	.5	.9	1.2	.3	.1	.0					3.1	7.4
W	1.2	1.7	.8	.4	.1	.0					4.2	6.5
WNW	1.0	1.3	1.0	.2	.0	.0					3.5	6.0
NW	.7	1.7	1.1	.5	.1						4.1	6.7
NNW	1.0	1.4	2.0	1.1	.3	.1	.0				5.9	8.3
VARIABLE												
CALM	////////////////////										16.7	////
TOTALS	11.0	22.8	30.0	16.0	2.8	.7	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 3146

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 99,999 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1958, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
OPSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8
NO CEIL																
GE 20000	45.1	52.1	53.8	55.2	56.0	56.7	57.7	57.7	58.2	59.4	59.4	58.9	58.9	59.1	59.1	59.6
GE 18000	45.4	52.3	54.3	55.5	56.2	56.9	57.9	57.9	58.4	58.6	58.6	59.1	59.1	59.4	59.4	59.9
GE 16000	45.6	52.6	54.3	55.7	56.4	57.2	58.2	58.2	58.6	58.9	58.9	59.4	59.4	59.6	59.6	60.1
GE 14000	50.4	53.3	55.0	56.4	57.2	57.9	58.9	58.9	59.4	59.6	59.6	60.1	60.1	60.3	60.3	60.8
GE 12000	51.6	54.7	56.7	58.2	58.9	59.6	60.6	60.6	61.1	61.3	61.3	61.8	61.8	62.0	62.0	62.5
GE 10000	52.8	56.7	58.6	60.1	60.8	61.6	62.5	62.5	63.0	63.3	63.3	63.7	63.7	64.0	64.0	64.5
GE 9000	53.0	56.9	58.9	60.6	61.3	62.0	63.0	63.0	63.5	63.7	63.7	64.2	64.2	64.5	64.5	65.0
GE 8000	54.7	59.1	61.1	62.8	63.5	64.2	65.2	65.2	65.7	65.9	65.9	66.4	66.4	66.7	66.7	67.2
GE 7000	55.7	61.3	62.5	64.2	65.0	65.9	66.9	66.9	67.4	67.6	67.6	68.1	68.1	68.4	68.4	69.1
GE 6000	56.4	61.1	63.3	65.2	65.9	66.9	67.9	67.9	68.4	68.6	68.6	69.1	69.1	69.3	69.3	70.1
GE 5000	57.7	62.3	64.5	66.4	67.4	68.4	69.6	69.6	70.1	70.3	70.3	70.8	70.8	71.0	71.0	71.8
GE 4500	57.7	62.3	64.5	66.4	67.4	68.4	69.6	69.6	70.1	70.3	70.3	70.8	70.8	71.0	71.0	71.8
GE 4000	58.4	64.0	66.2	68.4	69.3	70.6	72.3	72.3	72.7	73.0	73.0	73.5	73.5	73.7	73.7	74.5
GE 3500	59.4	64.5	66.7	68.9	69.6	71.3	73.0	73.0	73.5	73.7	73.7	74.2	74.2	74.5	74.5	75.2
GE 3000	60.7	65.2	67.6	69.8	70.8	72.5	74.2	74.2	74.7	74.9	74.9	75.4	75.4	75.7	75.7	76.4
GE 2500	60.6	65.7	68.1	70.8	71.8	73.5	75.2	75.2	75.7	75.9	75.9	76.4	76.4	76.6	76.6	77.4
GE 2000	62.0	68.4	71.0	74.7	75.7	77.4	79.1	79.1	79.6	79.9	79.9	80.3	80.3	80.5	80.5	81.3
GE 1800	62.0	68.4	71.0	74.7	75.7	77.4	79.1	79.1	79.6	79.9	79.9	80.3	80.3	80.5	80.5	81.3
GE 1600	62.5	68.9	71.8	76.2	77.1	79.8	81.8	81.8	82.5	82.7	82.7	83.2	83.2	83.5	83.5	84.2
GE 1400	63.0	69.6	72.5	77.4	78.3	81.0	83.0	83.0	83.7	83.9	83.9	84.4	84.4	84.7	84.7	85.4
GE 1200	63.3	71.5	74.5	79.6	80.5	83.5	85.6	85.6	86.4	86.6	86.6	87.1	87.1	87.3	87.3	88.1
GE 1000	63.3	71.8	74.7	80.0	81.0	83.9	86.1	86.1	86.9	87.1	87.1	87.6	87.6	87.8	87.8	88.6
GE 800	63.7	72.7	75.7	81.3	82.7	85.6	87.8	87.8	89.1	89.3	89.3	89.8	89.8	90.0	90.0	90.8
GE 700	63.7	72.7	75.7	81.3	82.7	85.6	87.8	87.8	89.1	89.3	89.3	89.8	89.8	90.0	90.0	90.8
GE 600	63.7	72.7	75.9	81.5	83.5	86.6	89.1	89.1	90.3	91.0	91.0	91.5	91.5	91.7	91.7	92.5
GE 500	64.2	73.2	76.4	83.2	85.2	88.6	91.5	91.5	93.4	94.6	94.6	95.1	95.1	95.4	95.4	96.2
GE 400	64.2	73.2	76.4	83.2	85.2	89.1	92.0	92.0	94.4	95.6	95.6	96.1	96.1	96.4	96.4	97.2
GE 300	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.4	98.4	99.2
GE 200	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.4	98.4	99.2
GE 100	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.4	98.4	99.2
GE 0	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.4	98.4	99.2

TOTAL NUMBER OF OBSERVATIONS: 411

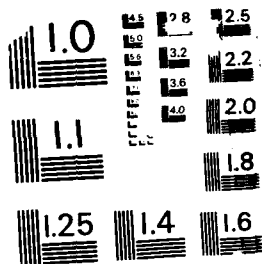
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DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CL. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB JAN 88
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MICROCOPY RESOLUTION TEST CHART
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	50.2	52.7	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	54.0	57.0	57.5	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	54.4	57.5	57.9	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	54.4	57.5	57.9	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	55.9	59.0	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	57.0	60.2	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	58.7	62.9	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	58.9	63.0	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	60.6	65.2	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	61.6	66.2	66.8	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	62.5	68.3	69.4	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	64.1	70.2	71.3	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	64.1	70.2	71.3	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	64.8	70.8	71.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	64.9	71.1	72.2	73.5	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	66.0	72.9	74.1	75.6	76.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	67.8	74.8	76.2	77.8	78.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	68.9	76.7	78.1	79.7	80.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	69.0	76.8	78.3	79.8	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	69.5	78.1	79.8	81.9	83.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	69.5	78.6	80.3	82.4	83.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	70.8	80.0	81.9	84.3	85.6	87.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	71.0	80.2	82.1	84.6	86.0	87.8	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	71.4	81.0	82.9	85.6	87.0	88.9	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	71.6	81.1	83.2	85.9	87.6	89.8	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	71.6	81.1	83.2	86.3	88.3	90.6	91.6	91.7	91.9	92.4	92.4	92.4	92.4	92.5	92.5	92.5
GE 500	72.2	82.1	84.3	88.1	90.0	92.7	94.3	94.4	96.0	96.7	96.7	97.0	97.1	97.1	97.1	97.1
GE 400	72.2	82.1	84.4	88.3	90.3	93.0	95.1	95.2	97.0	97.6	97.6	97.9	98.1	98.1	98.1	98.1
GE 300	72.2	82.1	84.6	88.4	90.5	93.2	95.6	95.7	97.6	98.6	98.6	99.0	99.2	99.2	99.2	99.2
GE 200	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5
GE 100	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5
GE 0	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 2000		58.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1800		59.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1600		59.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1400		60.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1200		61.1	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 1000		64.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 900		64.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 800		67.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 700		68.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 600		69.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 500		70.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 450		70.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 400		71.5	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 350		72.0	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 300		74.1	78.3	78.9	79.1	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 250		74.8	79.1	79.9	80.6	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 200		75.6	80.1	80.9	81.5	81.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 180		75.6	80.2	81.1	81.7	81.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 150		76.1	82.2	83.0	84.0	84.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 120		76.1	82.2	83.4	84.5	84.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 100		76.3	82.4	83.9	85.3	85.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 90		76.3	82.4	84.2	85.7	86.2	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 80		76.3	82.5	84.3	86.0	86.5	89.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 70		76.3	82.5	84.3	86.2	86.8	89.8	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 60		76.4	82.9	84.7	86.5	87.3	90.3	92.3	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 50		76.8	83.4	85.8	88.0	88.8	92.4	95.2	95.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 40		76.8	83.4	86.0	88.1	89.0	92.6	95.9	95.9	97.5	97.7	97.7	97.9	97.9	97.9	97.9
GE 30		76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.5	99.5	99.5	99.5
GE 20		76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0
GE 10		76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0
GE 0		76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		56.1	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000		62.6	64.6	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 18000		62.8	64.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000		62.8	64.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000		63.1	65.1	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000		66.4	68.5	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000		69.1	71.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000		69.6	72.1	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000		71.8	75.0	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000		73.2	76.4	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000		73.4	76.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000		75.0	78.6	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500		75.2	79.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000		75.7	79.7	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500		77.0	81.5	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000		77.9	82.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500		80.6	85.6	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000		80.6	85.6	87.2	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800		80.9	85.8	87.4	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500		81.5	86.5	88.7	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200		81.8	86.7	89.2	90.5	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000		91.8	86.7	89.2	91.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900		81.8	86.7	89.2	91.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800		81.8	86.9	89.6	91.4	91.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700		81.8	86.9	89.6	91.9	92.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600		81.8	86.9	89.6	91.9	92.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500		82.9	88.1	91.4	94.1	94.4	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400		82.9	88.1	91.4	94.1	94.4	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300		92.9	88.1	91.4	94.1	94.4	97.1	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 200		92.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	99.1	99.5	100.0	100.0	100.0	100.0
GE 100		92.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	99.1	99.5	100.0	100.0	100.0	100.0
GE 0		82.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	99.1	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	64.4	67.1	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 20000	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 16000	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 14000	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 12000	75.3	78.1	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 10000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 8000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4500	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	83.6	87.7	90.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1600	84.9	89.0	93.2	94.5	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1400	84.9	89.0	93.2	94.5	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	84.9	89.0	93.2	94.5	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	84.9	89.0	93.2	94.5	94.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	84.9	89.0	93.2	94.5	94.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	86.3	90.4	94.5	95.9	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	86.3	90.4	94.5	95.9	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	86.3	90.4	94.5	95.9	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	86.3	90.4	94.5	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 73

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.5	53.5	54.1	54.5	54.7	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.4
GE 20000		56.7	59.0	59.6	60.2	60.4	60.6	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 18000		57.3	59.6	60.2	60.7	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.6	61.7
GE 16000		57.3	59.6	60.2	60.8	61.0	61.2	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.7
GE 14000		58.0	60.5	61.1	61.6	61.8	62.0	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.5
GE 12000		59.7	62.2	62.8	63.4	63.6	63.7	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.3
GE 10000		62.0	65.2	65.9	66.4	66.7	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3
GE 9000		62.3	65.4	66.1	66.7	66.9	67.1	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.6
GE 8000		64.4	68.0	68.7	69.3	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.3
GE 7500		65.5	69.1	69.9	70.5	70.8	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5
GE 6000		66.1	70.2	71.1	71.8	72.1	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8
GE 5000		67.6	71.8	72.9	73.7	74.0	74.2	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.9
GE 4500		67.7	72.0	73.1	73.9	74.2	74.4	74.6	74.6	74.7	74.8	74.8	74.9	74.9	74.9	75.1
GE 4000		68.5	72.9	74.0	74.9	75.2	75.5	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.2
GE 3500		69.0	73.9	75.2	76.1	76.5	77.0	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.7
GE 3000		70.3	75.4	76.8	77.9	78.2	79.0	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7
GE 2500		71.6	77.0	78.4	79.8	80.2	81.1	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.8
GE 2000		72.4	78.3	79.9	81.4	81.8	82.9	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.6
GE 1800		72.5	78.4	80.0	81.6	82.0	83.0	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.8
GE 1500		73.0	79.6	81.5	83.5	84.1	85.5	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.4
GE 1200		73.2	79.9	81.9	84.1	84.7	86.2	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.2
GE 1000		73.6	80.7	82.9	85.4	86.1	88.1	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.4
GE 900		73.7	80.8	83.1	85.7	86.4	88.4	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.8
GE 800		73.9	81.4	83.7	86.4	87.3	89.6	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.2	91.3
GE 700		74.0	81.4	83.8	86.7	87.7	90.2	91.5	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.4
GE 600		74.0	81.5	83.9	86.9	88.1	90.8	92.1	92.2	92.6	92.9	92.9	93.0	93.1	93.1	93.3
GE 500		74.6	82.3	85.0	88.6	89.8	92.9	94.8	94.9	96.2	96.7	96.7	96.9	97.0	97.0	97.1
GE 400		74.6	82.3	85.1	88.7	90.0	93.2	95.3	95.4	96.9	97.4	97.4	97.6	97.6	97.7	97.8
GE 300		74.7	82.3	85.3	89.0	90.3	93.7	96.3	96.3	97.9	98.6	98.6	99.0	99.0	99.1	99.2
GE 200		74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.6	99.7
GE 100		74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.6	99.7
GE 0		74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	35.3	38.2	41.3	43.9	43.9	44.8	45.7	45.7	46.0	46.0	46.0	46.2	46.5	47.7	49.1
GE 20000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3
GE 18000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3
GE 16000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3
GE 14000	38.4	41.6	45.1	47.7	47.7	48.6	49.4	49.4	49.7	49.7	49.7	50.0	50.3	51.7	53.8
GE 12000	40.2	43.4	47.1	50.3	50.3	51.2	52.0	52.0	52.3	52.3	52.3	52.6	52.9	54.3	56.4
GE 10000	43.9	47.4	51.2	54.6	54.6	55.5	56.4	56.4	56.6	56.6	56.6	56.9	57.2	58.7	60.7
GE 9000	44.2	47.7	51.4	54.9	54.9	55.8	56.6	56.6	56.9	56.9	56.9	57.2	57.5	59.0	61.0
GE 8000	46.0	50.3	54.3	58.1	58.1	59.0	59.8	59.8	60.1	60.1	60.1	60.4	60.7	62.1	64.2
GE 7000	46.2	50.9	54.9	58.7	58.7	59.5	60.4	60.4	61.0	61.0	61.0	61.3	61.6	63.0	65.0
GE 6000	46.8	52.0	56.1	59.8	59.8	60.7	61.6	61.6	62.1	62.1	62.1	62.4	62.7	64.2	66.2
GE 5000	48.3	53.5	57.8	62.1	62.1	63.0	63.9	63.9	64.5	64.5	64.5	64.7	65.0	66.5	68.5
GE 4500	48.3	53.5	57.8	62.1	62.1	63.0	63.9	63.9	64.5	64.5	64.5	64.7	65.0	66.5	68.5
GE 4000	48.4	54.9	59.5	63.9	63.9	64.7	65.6	65.6	66.2	66.2	66.2	66.5	66.8	68.2	70.2
GE 3500	50.0	56.1	60.7	65.0	65.0	65.9	66.8	66.8	67.3	67.3	67.3	67.6	67.9	69.4	71.4
GE 3000	51.2	57.8	62.7	67.6	67.6	68.5	69.4	69.4	69.9	69.9	69.9	70.2	70.5	72.0	74.0
GE 2500	52.3	59.2	64.2	69.4	69.4	70.5	71.4	71.4	72.0	72.0	72.0	72.5	72.8	74.6	76.9
GE 2000	52.9	61.3	66.2	71.4	71.4	72.8	73.7	73.7	74.3	74.3	74.3	74.9	75.1	76.9	79.2
GE 1800	52.9	61.3	66.2	71.4	71.4	72.8	73.7	73.7	74.3	74.3	74.3	74.9	75.1	76.9	79.2
GE 1500	52.9	61.3	66.5	72.8	72.8	74.9	76.0	76.0	77.2	77.2	77.2	77.7	78.0	79.8	82.1
GE 1200	52.9	61.3	66.5	73.1	73.1	75.1	76.3	76.3	78.0	78.0	78.0	78.6	78.9	80.6	82.9
GE 1000	54.0	62.4	67.9	74.9	74.9	77.2	78.3	78.3	80.1	80.1	80.1	80.9	81.2	82.9	85.3
GE 900	54.0	62.4	67.9	74.9	74.9	77.2	78.3	78.3	80.3	80.3	80.3	81.2	81.5	83.2	85.5
GE 800	54.0	62.4	67.9	74.9	74.9	78.3	79.8	79.8	82.1	82.1	82.1	82.9	83.2	85.0	87.3
GE 700	54.0	62.4	67.9	74.9	75.1	78.6	80.1	80.1	82.9	82.9	82.9	83.8	84.1	85.8	88.2
GE 600	54.0	62.4	67.9	74.9	75.1	79.5	81.2	81.2	84.4	84.4	84.4	85.3	85.5	87.3	89.6
GE 500	54.6	63.0	68.5	75.7	76.0	80.6	82.4	82.4	85.5	85.5	85.5	86.4	86.7	88.4	90.8
GE 400	54.6	63.0	68.5	76.6	76.9	81.5	83.8	83.8	87.3	87.3	87.3	88.4	88.7	91.3	93.6
GE 300	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	89.9	89.9	89.9	91.3	91.6	94.2	96.8
GE 200	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	98.0
GE 100	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	99.4
GE 0	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		43.9	46.8	47.1	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.7	47.7	47.7
GE 20000		48.4	51.4	51.8	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9
GE 18000		49.6	52.7	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	54.3	54.3	54.3
GE 16000		49.6	52.7	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	54.3	54.3	54.3
GE 14000		50.0	53.0	53.6	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.7	54.7	54.7
GE 12000		50.7	54.1	54.7	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.7	55.7	55.7
GE 10000		53.0	57.2	57.7	58.4	58.4	58.6	58.8	58.8	58.8	58.8	58.8	59.3	59.3	59.3
GE 9000		53.9	58.2	58.8	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	60.4	60.4	60.4
GE 8000		57.9	62.7	63.8	64.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8
GE 7000		59.0	64.0	65.1	66.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	67.2	67.2	67.2
GE 6000		59.3	64.5	65.6	66.7	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.7	67.7	67.7
GE 5000		61.1	66.3	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.7	69.7	69.7
GE 4500		61.1	66.3	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.7	69.7	69.7
GE 4000		62.7	68.3	69.7	71.0	71.0	71.3	71.5	71.5	71.5	71.5	71.5	72.0	72.0	72.0
GE 3500		64.0	69.5	71.1	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.8	73.8	73.8
GE 3000		65.9	71.7	73.7	75.3	75.4	76.0	76.2	76.2	76.2	76.2	76.2	76.7	76.7	76.7
GE 2500		66.3	72.2	74.2	75.8	76.0	76.7	77.1	77.1	77.1	77.1	77.1	78.0	78.0	78.0
GE 2000		67.9	74.7	76.7	78.7	78.9	79.6	79.9	79.9	79.9	79.9	80.1	81.0	81.0	81.0
GE 1800		68.3	75.1	77.1	79.0	79.2	79.9	80.3	80.3	80.3	80.3	80.5	81.4	81.4	81.4
GE 1500		68.8	76.3	78.7	80.6	80.8	82.1	82.4	82.4	82.4	82.4	82.8	83.7	83.7	83.7
GE 1200		69.0	76.5	79.0	81.4	81.5	82.8	83.2	83.2	83.2	83.2	83.5	84.4	84.4	84.4
GE 1000		69.5	77.6	80.1	83.0	83.2	84.8	85.5	85.5	85.5	85.8	85.8	86.9	86.9	86.9
GE 900		69.5	78.0	80.5	83.5	83.7	85.3	86.0	86.0	86.0	86.4	86.4	87.5	87.5	87.5
GE 800		69.7	78.1	80.8	83.9	84.2	86.2	87.1	87.1	87.1	87.6	87.6	88.7	88.7	88.9
GE 700		69.7	78.1	81.7	84.9	85.3	88.0	88.9	88.9	88.9	89.4	89.4	90.5	90.7	91.0
GE 600		69.7	78.1	82.3	86.0	86.6	89.8	90.7	90.7	91.2	91.6	91.6	92.7	92.8	93.2
GE 500		69.9	78.5	83.0	87.8	88.4	91.8	92.7	92.7	93.7	94.1	94.1	95.2	95.3	95.7
GE 400		69.9	78.5	83.2	88.0	88.5	91.9	92.8	92.8	93.9	94.3	94.3	95.3	95.5	96.2
GE 300		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	97.8	98.6
GE 200		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.2	99.5
GE 100		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.6	100.0
GE 0		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: FEB

HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	50.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	51.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	51.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	52.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	54.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	57.0	59.3	59.5	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	57.3	59.6	59.8	59.8	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	60.0	62.9	63.2	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	61.1	63.9	64.3	65.0	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	62.1	65.0	65.4	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	63.0	66.3	66.8	67.5	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	63.4	67.0	67.5	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	64.8	68.9	69.5	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3500	67.1	71.4	72.0	72.9	73.0	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	70.5	75.4	75.9	77.0	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	71.8	76.8	77.3	79.1	79.3	79.3	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	72.7	78.4	79.5	81.3	81.4	81.4	82.3	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	72.7	78.4	79.5	81.4	81.6	81.6	82.5	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	74.5	81.1	82.1	84.1	84.3	84.3	85.5	86.4	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	74.8	81.8	83.0	85.0	85.0	85.2	86.4	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	74.8	82.3	83.9	86.3	86.4	86.4	88.2	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	74.8	82.9	84.5	86.8	87.0	87.0	89.1	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	75.2	83.2	85.0	87.3	87.7	87.7	90.4	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	75.2	83.8	85.7	88.0	88.4	88.4	91.4	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	75.2	84.1	86.1	88.6	88.9	88.9	92.3	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	76.1	85.9	89.1	92.1	92.7	92.7	96.4	97.3	97.3	98.0	98.0	98.0	98.4	98.4	98.4	98.4
GE 400	76.1	85.9	89.1	92.1	92.7	92.7	96.4	97.3	97.3	98.0	98.0	98.0	98.4	98.4	98.4	98.4
GE 300	76.1	85.9	89.3	92.5	93.0	93.0	97.1	98.0	98.0	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 200	76.1	85.9	89.3	92.5	93.0	93.0	97.1	98.0	98.0	98.8	98.8	98.8	99.1	99.1	99.3	99.3
GE 100	76.1	85.9	89.3	92.5	93.2	93.2	97.3	98.2	98.2	98.9	98.9	98.9	99.3	99.3	99.5	100.0
GE 71	76.1	85.9	89.3	92.5	93.2	93.2	97.3	98.2	98.2	98.9	98.9	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.4	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	51.6	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	58.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	58.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	58.8	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	61.9	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	66.9	68.8	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	66.9	68.8	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	69.8	72.2	72.9	72.9	72.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	70.7	73.1	74.6	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	71.0	73.6	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	72.7	75.8	77.2	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	73.6	76.7	78.2	78.2	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	74.8	77.9	79.4	79.4	79.4	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	76.0	79.4	80.8	80.8	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	77.2	80.8	82.5	82.5	82.5	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	78.7	82.7	84.4	84.4	84.4	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	80.3	84.4	86.1	86.1	86.1	86.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	80.3	84.4	86.1	86.1	86.1	86.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	81.8	84.9	86.6	86.6	86.6	86.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	81.5	85.6	87.3	87.3	87.3	87.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	82.3	86.8	89.2	89.2	89.2	89.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	82.3	87.1	89.4	89.4	89.4	89.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	83.0	87.8	90.4	90.4	90.4	90.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	83.0	88.2	90.9	90.9	90.9	90.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	83.0	88.2	91.4	91.4	91.4	91.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	83.5	88.7	92.3	92.3	92.3	92.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	83.5	88.7	92.3	92.3	92.3	92.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	83.5	88.7	92.3	92.3	92.3	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 200	83.5	88.7	92.3	92.3	92.3	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 100	83.5	88.7	92.3	92.3	92.3	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 0	83.5	88.7	92.3	92.3	92.3	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	GE 10	VISIBILITY IN STATUTE MILES														
		GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.1	55.3	56.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	1.1	60.6	61.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	1.1	61.7	62.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	1.1	61.7	62.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	1.1	62.8	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	1.1	64.9	66.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	1.1	70.2	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	1.1	70.2	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 8000	1.1	72.3	74.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	1.1	72.3	74.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	1.1	74.5	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	1.1	74.5	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	1.1	75.5	78.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	1.1	76.6	79.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	1.1	78.7	81.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	1.1	83.0	86.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	1.1	86.2	89.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	1.1	88.3	91.5	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	1.1	88.3	91.5	94.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	1.1	88.3	91.5	94.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(EST): ALL

CEILING IN FEET	I	VISIBILITY IN STATUTE MILES										GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1						
NO CEIL	I	.1	43.4	45.5	46.3	46.8	46.8	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.4	47.6	47.8
GE 20000	I	.1	45.5	52.0	52.9	53.5	53.5	53.6	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.4	54.7
GE 18000	I	.1	50.3	52.8	53.8	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.2	55.6
GE 16000	I	.1	50.3	52.8	53.8	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.2	55.6
GE 14000	I	.1	51.2	53.7	54.7	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.9	55.9	56.2	56.5
GE 12000	I	.1	52.9	55.4	56.5	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.7	57.8	58.0	58.4
GE 10000	I	.1	56.3	59.2	60.4	61.2	61.2	61.5	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.3	62.6
GE 9000	I	.1	56.7	59.7	60.8	61.6	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.4	62.5	62.7	63.1
GE 8000	I	.1	59.6	63.1	64.5	65.5	65.5	65.9	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.7	67.0
GE 7000	I	.1	60.5	64.1	65.6	66.8	66.8	67.2	67.4	67.4	67.5	67.5	67.5	67.7	67.8	68.1	68.4
GE 6000	I	.1	61.1	65.0	66.5	67.6	67.6	68.1	68.3	68.3	68.4	68.4	68.4	68.6	68.7	68.9	69.3
GE 5000	I	.1	62.5	66.5	68.2	69.5	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.4	70.5	70.7	71.1
GE 4500	I	.1	62.8	67.0	68.7	70.0	70.0	70.4	70.6	70.6	70.7	70.7	70.7	70.9	71.0	71.2	71.6
GE 4000	I	.1	64.2	68.7	70.5	71.8	71.8	72.3	72.5	72.5	72.6	72.6	72.6	72.8	72.9	73.1	73.5
GE 3500	I	.1	65.7	70.4	72.3	73.7	73.8	74.3	74.5	74.5	74.6	74.6	74.6	74.8	74.8	75.1	75.4
GE 3000	I	.1	67.8	72.9	75.0	76.6	76.7	77.3	77.5	77.5	77.6	77.6	77.6	77.8	77.9	78.1	78.5
GE 2500	I	.1	69.0	74.3	76.4	78.3	78.4	79.2	79.5	79.5	79.6	79.6	79.6	79.9	80.0	80.3	80.7
GE 2000	I	.1	70.1	76.2	78.4	80.5	80.7	81.5	82.0	82.0	82.2	82.3	82.3	82.6	82.7	83.0	83.4
GE 1800	I	.1	70.2	76.3	78.5	80.7	80.8	81.7	82.2	82.2	82.4	82.4	82.4	82.8	82.8	83.1	83.5
GE 1500	I	.1	71.0	77.5	79.8	82.3	82.5	83.7	84.3	84.3	84.6	84.7	84.7	85.1	85.1	85.4	85.8
GE 1200	I	.1	71.4	78.0	80.5	83.0	83.2	84.5	85.1	85.1	85.5	85.6	85.6	85.9	86.0	86.3	86.7
GE 1000	I	.1	71.9	78.9	81.7	84.7	84.9	86.4	87.2	87.2	87.6	87.7	87.7	88.3	88.3	88.6	89.0
GE 900	I	.1	71.9	79.2	82.0	85.1	85.3	86.9	87.7	87.7	88.2	88.3	88.3	88.8	88.8	89.1	89.5
GE 800	I	.1	72.2	79.5	82.4	85.7	86.0	88.2	89.1	89.1	89.7	89.8	89.8	90.3	90.3	90.7	91.1
GE 700	I	.1	72.2	79.7	83.0	86.3	86.7	89.2	90.1	90.1	90.8	90.9	90.9	91.4	91.5	91.9	92.4
GE 600	I	.1	72.2	79.8	83.3	86.9	87.3	90.2	91.1	91.1	92.1	92.2	92.2	92.7	92.8	93.2	93.6
GE 500	I	.1	72.7	80.7	84.7	89.0	89.4	92.5	93.5	93.5	94.7	94.8	94.8	95.5	95.6	96.1	96.5
GE 400	I	.1	72.7	80.7	84.8	89.2	89.6	92.7	93.8	93.8	95.1	95.2	95.2	95.9	96.1	96.7	97.1
GE 300	I	.1	72.7	80.7	85.0	89.6	90.1	93.5	95.0	95.0	96.4	96.5	96.5	97.5	97.6	98.2	98.7
GE 200	I	.1	72.7	80.7	85.0	89.6	90.1	93.5	95.0	95.0	96.4	96.5	96.5	97.5	97.7	98.6	99.2
GE 100	I	.1	72.7	80.7	85.0	89.6	90.2	93.5	95.0	95.1	96.5	96.6	96.6	97.6	97.9	98.8	99.8
GE	71	.1	72.7	80.7	85.0	89.6	90.2	93.5	95.0	95.1	96.5	96.6	96.6	97.6	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 1975

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.8	41.1	43.4	45.1	45.3	46.9	46.9	46.9	48.0	48.5	48.5	48.7	49.0	49.4	50.8	
GE 20000	40.7	45.7	48.0	49.7	49.9	51.7	51.7	51.7	52.9	53.3	53.3	53.8	54.0	54.5	56.1	
GE 18000	41.4	46.4	48.7	50.3	50.6	52.4	52.4	52.4	53.6	54.0	54.0	54.5	54.7	55.2	56.8	
GE 16000	41.4	46.4	48.7	50.3	50.6	52.4	52.4	52.4	53.6	54.0	54.0	54.5	54.7	55.2	56.8	
GE 14000	41.4	46.4	49.0	50.6	50.8	52.6	52.6	52.6	53.8	54.3	54.3	54.7	54.9	55.4	57.0	
GE 12000	43.4	48.5	51.0	52.6	52.9	54.7	54.7	54.7	55.9	56.3	56.3	56.8	57.0	57.5	59.1	
GE 10000	45.3	50.6	53.3	54.9	55.2	57.0	57.0	57.0	58.2	58.6	58.6	59.5	59.8	60.2	61.8	
GE 9000	45.3	50.6	53.3	54.9	55.2	57.0	57.0	57.0	58.2	58.6	58.6	59.5	59.8	60.2	61.8	
GE 8000	46.7	52.2	54.9	56.6	56.8	58.6	58.9	58.9	60.0	60.5	60.5	61.4	61.6	62.1	63.7	
GE 7000	47.4	52.9	55.6	57.2	57.5	59.3	59.5	59.5	60.7	61.1	61.1	62.1	62.3	62.8	64.4	
GE 6000	48.3	53.8	56.6	58.2	58.4	60.2	60.5	60.5	61.6	62.1	62.1	63.0	63.2	63.7	65.3	
GE 5000	49.0	54.5	57.2	59.1	59.3	61.1	61.4	61.4	62.5	63.0	63.0	63.9	64.1	64.6	66.2	
GE 4500	50.6	56.1	58.9	60.7	60.9	62.8	63.0	63.0	64.1	64.6	64.6	65.5	65.7	66.2	67.8	
GE 4000	52.4	58.6	61.4	63.7	64.1	66.0	66.2	66.2	67.4	67.8	67.8	68.7	69.0	69.4	71.0	
GE 3500	52.6	58.9	62.3	64.8	65.3	67.1	67.4	67.4	68.5	69.0	69.0	69.9	70.1	70.6	72.2	
GE 3000	54.5	60.9	64.6	67.1	67.6	69.4	69.7	69.7	70.8	71.3	71.3	72.2	72.4	72.9	74.5	
GE 2500	54.7	61.1	65.3	68.0	68.7	70.6	71.0	71.0	72.2	72.6	72.6	73.6	73.8	74.3	75.9	
GE 2000	55.9	63.0	67.6	70.3	71.0	72.9	73.3	73.3	74.5	74.9	74.9	75.9	76.1	76.6	78.2	
GE 1800	56.1	63.2	67.8	70.6	71.3	73.1	73.6	73.6	74.7	75.2	75.2	76.1	76.3	76.8	78.4	
GE 1500	57.7	65.3	70.1	72.9	74.0	76.3	76.8	76.8	77.9	78.4	78.4	79.3	79.5	80.0	81.6	
GE 1200	58.2	66.0	70.8	74.0	75.2	77.5	77.9	77.9	79.1	79.5	79.5	80.5	80.7	81.1	83.0	
GE 1000	58.2	66.4	71.7	74.9	76.3	78.6	79.1	79.1	80.2	80.7	80.7	81.6	81.8	82.3	84.1	
GE 900	58.2	66.4	71.7	75.2	76.8	79.1	79.5	79.5	80.7	81.1	81.1	82.1	82.3	82.8	84.6	
GE 800	58.6	67.1	72.4	76.3	77.9	80.7	81.1	81.1	82.8	83.4	83.4	84.4	84.6	85.1	86.9	
GE 700	58.6	67.1	73.1	77.0	78.6	81.4	81.8	81.8	83.4	84.1	84.1	85.1	85.3	85.7	87.6	
GE 600	58.6	67.4	73.6	78.2	79.8	82.5	83.2	83.2	85.3	86.0	86.0	86.9	87.1	87.6	89.4	
GE 500	59.5	68.7	74.9	80.2	81.8	85.3	86.0	86.0	89.0	89.7	89.7	91.0	91.3	91.7	93.6	
GE 400	59.5	68.7	74.9	80.2	81.8	86.0	87.1	87.1	90.1	91.3	91.3	92.6	93.1	94.0	95.9	
GE 300	59.5	68.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.6	92.9	94.3	94.7	95.9	97.9	
GE 200	59.5	69.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	98.4	
GE 100	59.5	69.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	98.4	
GE 0	59.5	69.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			48.0	50.7	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000			55.1	58.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000			55.9	58.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000			56.2	59.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000			56.2	59.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000			57.3	60.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 10000			59.3	62.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000			60.3	63.7	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000			63.1	66.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000			63.7	67.1	68.2	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000			65.6	69.2	70.3	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000			66.5	70.3	71.4	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500			67.8	71.5	72.6	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000			69.5	73.4	74.5	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500			70.4	74.6	76.4	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000			71.5	76.2	78.1	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500			71.8	76.5	78.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000			73.6	78.4	80.8	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800			74.2	79.0	81.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1600			75.3	80.4	82.8	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1400			75.9	81.2	84.0	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200			76.2	81.8	84.7	87.2	87.3	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000			76.4	82.2	85.1	87.6	87.8	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 900			76.4	82.6	85.8	88.4	88.7	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 800			76.4	83.3	86.4	89.0	89.4	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 600			76.7	83.9	87.3	90.5	91.1	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 500			77.2	84.4	87.9	92.5	93.4	95.0	95.0	95.0	95.1	95.5	95.5	95.8	95.8	95.8	95.8
GE 400			77.5	84.7	88.3	93.0	94.1	96.4	96.9	96.9	97.2	97.5	97.5	98.3	98.3	98.3	98.3
GE 300			77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.4	99.5
GE 200			77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.3	98.6	98.6	99.5	99.5	99.5	99.7
GE 100			77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.3	98.6	98.6	99.5	99.5	99.5	99.7
GE 0			77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.3	98.6	98.6	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			45.5	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000			56.1	58.9	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000			57.1	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000			57.2	60.0	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000			58.8	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000			59.7	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000			61.9	64.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 9000			62.1	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000			64.7	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000			65.8	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000			66.5	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000			68.7	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500			69.0	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000			71.9	76.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500			73.4	77.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000			74.5	79.3	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500			76.8	82.1	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000			78.4	84.2	85.9	85.9	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800			79.0	84.8	86.5	86.5	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500			79.6	85.6	87.6	87.9	87.9	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200			80.3	86.2	89.2	89.5	89.5	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000			80.4	86.7	90.0	90.4	90.8	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900			80.9	87.5	90.8	91.4	91.7	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800			81.0	88.1	91.4	92.0	92.3	92.8	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 700			81.0	88.2	91.5	92.5	92.8	93.3	93.4	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.0
GE 600			81.5	88.7	92.0	93.1	93.6	94.0	94.2	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8
GE 500			82.0	89.2	92.8	94.8	95.5	97.0	98.0	98.0	98.4	98.9	98.9	99.1	99.1	99.1	99.1
GE 400			82.0	89.2	92.8	95.0	95.6	97.2	98.1	98.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4
GE 300			82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 200			82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 100			82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 0			82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.2	52.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	.2	60.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	.2	60.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	.2	60.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	.2	62.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	.2	62.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	.2	66.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	.2	67.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	.2	68.1	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	.2	68.3	71.9	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	.2	69.2	73.0	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 5000	.2	69.4	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	.2	69.4	73.6	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	.2	71.5	75.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	.2	73.0	77.1	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	.2	75.3	80.9	82.0	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	.2	77.4	83.0	84.1	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	.2	78.2	84.3	86.2	87.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	.2	78.2	84.3	86.2	87.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	.2	78.2	85.1	87.2	88.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	.2	79.0	86.0	88.1	89.1	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	.2	79.9	87.2	89.5	92.0	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	.2	80.1	87.6	89.9	92.5	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	.2	80.5	88.5	91.0	94.1	94.5	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	.2	80.7	88.7	91.2	94.3	95.0	95.8	95.8	95.8	95.8	96.0	96.0	96.2	96.2	96.2	96.2
GE 600	.2	80.7	88.7	91.2	94.5	95.2	96.0	96.0	96.0	96.0	96.2	96.2	96.4	96.4	96.4	96.4
GE 500	.2	80.9	88.9	92.5	96.6	97.3	98.5	98.5	98.5	99.7	99.0	99.0	99.2	99.2	99.4	99.4
GE 400	.2	80.9	88.9	92.7	96.9	97.5	98.7	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.6	99.6
GE 300	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 200	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 100	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 0	.2	90.9	89.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		57.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000		62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000		62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000		62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000		63.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000		65.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000		70.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000		71.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000		72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000		72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000		72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000		72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500		72.9	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000		74.1	78.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500		76.5	81.2	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000		77.6	84.7	87.1	89.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500		77.6	84.7	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000		78.8	85.9	88.2	89.4	89.4	89.4	89.4	89.4	89.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800		78.8	85.9	88.2	89.4	89.4	89.4	89.4	89.4	89.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1600		78.8	85.9	89.4	90.6	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1400		82.4	89.4	92.9	94.1	94.1	94.1	94.1	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200		82.4	89.4	92.9	95.3	95.3	95.3	95.3	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000		82.4	89.4	92.9	95.3	95.3	95.3	95.3	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900		82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800		82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700		82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600		82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500		82.4	90.6	94.1	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400		82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: MAR

HOURS(IST):

ALL

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.0	47.5	50.3	51.1	51.6	51.6	51.9	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.4	52.7
GE 20000	.0	53.9	57.2	58.2	58.6	58.7	59.0	59.0	59.0	59.2	59.3	59.3	59.4	59.5	59.5	59.9
GE 18000	.0	54.7	58.0	58.9	59.4	59.4	59.8	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.3	60.6
GE 16000	.0	54.8	58.1	59.1	59.5	59.5	59.9	59.9	59.9	60.1	60.2	60.2	60.3	60.3	60.4	60.7
GE 14000	.0	55.6	58.9	59.9	60.4	60.4	60.8	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.6
GE 12000	.0	56.8	60.2	61.2	61.7	61.7	62.0	62.0	62.0	62.3	62.4	62.4	62.4	62.5	62.6	62.9
GE 10000	.0	59.3	62.9	63.9	64.4	64.5	64.8	64.8	64.8	65.0	65.1	65.1	65.3	65.3	65.4	65.7
GE 9000	.0	59.8	63.4	64.4	64.9	65.0	65.3	65.3	65.3	65.5	65.6	65.6	65.8	65.8	65.9	66.2
GE 8000	.0	61.8	65.7	66.7	67.2	67.2	67.6	67.6	67.6	67.9	67.9	67.9	68.1	68.2	68.2	68.6
GE 7000	.0	62.5	66.3	67.5	68.0	68.1	68.5	68.5	68.5	68.7	68.8	68.8	69.0	69.0	69.1	69.4
GE 6000	.0	63.5	67.5	68.6	69.2	69.2	69.6	69.7	69.7	69.9	70.0	70.0	70.1	70.2	70.3	70.6
GE 5000	.0	64.6	68.7	69.9	70.5	70.5	70.9	71.0	71.0	71.2	71.3	71.3	71.5	71.5	71.6	71.9
GE 4500	.0	65.3	69.5	70.8	71.3	71.4	71.8	71.8	71.8	72.0	72.1	72.1	72.3	72.3	72.4	72.7
GE 4000	.0	67.5	72.0	73.5	74.2	74.3	74.7	74.7	74.7	74.9	75.0	75.0	75.2	75.2	75.3	75.6
GE 3500	.0	68.6	73.3	75.1	75.9	76.1	76.5	76.5	76.5	76.7	76.8	76.8	77.0	77.0	77.1	77.4
GE 3000	.0	70.1	75.5	77.4	78.3	78.5	78.9	79.0	79.0	79.2	79.3	79.3	79.5	79.5	79.6	79.9
GE 2500	.0	71.3	76.8	79.0	80.0	80.3	80.8	80.9	80.9	81.1	81.2	81.2	81.4	81.4	81.5	81.8
GE 2000	.0	72.7	78.6	81.1	82.2	82.4	83.1	83.2	83.2	83.5	83.6	83.6	83.7	83.8	83.9	84.2
GE 1800	.0	73.1	79.0	81.5	82.6	82.8	83.5	83.6	83.6	83.9	83.9	83.9	84.1	84.2	84.3	84.6
GE 1500	.0	73.9	80.2	82.9	84.4	84.7	85.5	85.6	85.6	86.0	86.1	86.1	86.2	86.3	86.4	86.7
GE 1200	.0	74.6	81.0	84.1	85.7	86.0	86.8	86.9	86.9	87.3	87.4	87.4	87.6	87.6	87.7	88.0
GE 1000	.0	74.9	81.7	85.0	87.1	87.6	88.4	88.5	88.5	88.9	89.0	89.0	89.2	89.2	89.3	89.7
GE 900	.0	75.2	82.1	85.4	87.6	88.1	89.0	89.1	89.1	89.5	89.6	89.6	89.8	89.8	89.9	90.3
GE 800	.0	75.4	82.7	86.2	88.6	89.2	90.2	90.3	90.3	90.8	91.0	91.0	91.2	91.2	91.3	91.7
GE 700	.0	75.4	83.0	86.6	89.1	89.7	90.7	90.9	90.9	91.3	91.6	91.6	91.8	91.9	92.0	92.3
GE 600	.0	75.6	83.3	87.1	89.9	90.7	91.7	91.9	91.9	92.4	92.7	92.7	93.0	93.0	93.1	93.4
GE 500	.0	76.1	83.9	88.0	91.9	92.7	94.5	94.9	94.9	95.8	96.2	96.2	96.6	96.7	96.8	97.1
GE 400	.0	76.2	84.0	88.2	92.1	93.1	95.2	95.8	95.8	96.7	97.2	97.2	97.8	97.9	98.1	98.5
GE 300	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.1	98.7	98.8	99.0	99.5
GE 200	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	99.6
GE 100	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	99.8
GE 0	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 2274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		45.7	52.3	55.1	57.3	57.5	58.8	59.4	59.4	60.4	61.4	61.4	62.0	62.2	62.8	63.6
GE 20000		48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0
GE 18000		48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0
GE 16000		48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0
GE 14000		49.1	56.3	59.4	62.0	62.4	63.8	64.4	64.4	65.4	66.4	66.4	67.0	67.2	67.8	68.6
GE 12000		51.1	58.6	61.8	64.4	64.8	66.2	66.8	66.8	67.8	68.8	68.8	69.4	69.6	70.2	71.0
GE 10000		53.3	62.0	66.0	68.8	69.2	70.6	71.2	71.2	72.2	73.2	73.2	73.8	74.0	74.6	75.5
GE 9000		53.3	62.0	66.0	68.8	69.2	70.6	71.2	71.2	72.2	73.2	73.2	73.8	74.0	74.6	75.5
GE 8000		55.3	64.6	68.6	71.4	71.8	73.4	74.0	74.0	75.1	76.1	76.1	76.7	76.9	77.5	78.3
GE 7000		55.7	65.0	69.0	71.8	72.2	73.8	74.4	74.4	75.5	76.5	76.5	77.1	77.3	77.9	78.7
GE 6000		56.1	65.6	69.8	72.6	73.0	74.6	75.3	75.3	76.3	77.3	77.3	77.9	78.1	78.7	79.5
GE 5000		56.1	65.8	70.0	72.8	73.2	74.8	75.5	75.5	76.5	77.5	77.5	78.1	78.3	78.9	79.7
GE 4500		56.5	66.2	70.4	73.2	73.6	75.3	75.9	75.9	76.9	77.9	77.9	78.5	78.7	79.3	80.1
GE 4000		57.5	67.8	72.0	74.8	75.3	76.9	77.5	77.5	78.5	79.5	79.5	80.1	80.3	80.9	81.7
GE 3500		59.4	69.6	73.8	76.7	77.1	78.7	79.3	79.3	80.3	81.3	81.3	81.9	82.1	82.7	83.5
GE 3000		59.6	69.8	74.0	76.9	77.3	78.9	79.5	79.5	80.5	81.5	81.5	82.1	82.3	82.9	83.7
GE 2500		60.0	70.2	74.4	77.5	77.9	79.5	80.1	80.1	81.1	82.1	82.1	82.7	82.9	83.5	84.3
GE 2000		60.6	71.2	75.5	78.5	78.9	80.7	81.3	81.3	82.3	83.3	83.3	83.9	84.1	84.7	85.5
GE 1800		60.6	71.2	75.5	78.5	78.9	80.7	81.3	81.3	82.3	83.3	83.3	83.9	84.1	84.7	85.5
GE 1500		60.8	71.4	75.7	78.7	79.1	81.1	81.9	81.9	82.9	83.9	83.9	84.5	84.7	85.3	86.1
GE 1200		61.8	72.8	77.1	80.3	80.7	82.7	83.5	83.5	84.5	85.5	85.5	86.1	86.3	86.9	87.7
GE 1000		62.2	73.4	78.1	81.7	82.1	84.1	84.9	84.9	85.9	86.9	86.9	87.5	87.7	88.3	89.1
GE 900		62.8	74.0	78.7	82.3	82.7	84.7	85.5	85.5	86.5	87.5	87.5	88.1	88.3	88.9	89.7
GE 800		62.8	74.2	79.1	83.1	83.7	85.9	87.1	87.1	88.3	89.3	89.3	89.9	90.1	90.7	91.5
GE 700		63.2	74.6	79.5	83.5	84.3	86.5	87.7	87.7	88.9	89.9	89.9	90.5	90.7	91.3	92.2
GE 600		63.2	74.6	79.5	83.7	84.5	86.9	88.1	88.1	89.3	90.3	90.3	90.9	91.1	91.8	92.6
GE 500		63.2	74.8	79.7	84.1	85.1	87.9	89.1	89.3	90.5	92.0	92.0	92.8	93.0	93.6	94.4
GE 400		63.4	75.3	80.1	84.7	85.9	89.5	90.9	91.1	92.8	94.2	94.2	95.0	95.2	95.8	96.6
GE 300		63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	96.4	96.6	97.2	98.0
GE 200		63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.2	98.2	99.4
GE 100		63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.6	98.6	100.0
GE 71		63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.6	59.6	60.0	60.0	60.0	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	60.9	63.1	63.5	63.5	63.5	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	61.6	63.7	64.1	64.1	64.1	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	61.6	63.7	64.1	64.1	64.1	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	62.6	64.7	65.2	65.2	65.2	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	65.3	67.5	67.9	67.9	67.9	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	66.7	68.8	69.9	69.9	69.9	69.9	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	66.9	69.0	70.1	70.1	70.1	70.1	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	70.2	72.5	73.7	73.7	73.7	73.7	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	70.8	73.1	74.3	74.3	74.3	74.3	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 6000	72.6	74.9	76.1	76.1	76.1	76.1	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	74.0	76.3	77.5	77.5	77.5	77.5	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	74.2	76.4	77.7	77.7	77.7	77.7	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	75.2	77.8	79.0	79.2	79.2	79.2	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	76.0	78.7	79.9	80.1	80.1	80.1	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	77.5	80.2	81.6	81.8	81.8	81.8	82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	79.0	82.1	83.4	83.6	83.6	83.6	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	79.9	83.1	84.7	84.8	84.8	84.8	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	80.4	83.6	85.3	85.4	85.4	85.4	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	81.6	85.0	86.6	86.8	86.8	86.8	88.1	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	81.6	85.4	87.2	87.4	87.5	87.5	88.8	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	82.1	86.0	88.0	88.3	88.4	88.4	89.7	90.0	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6
GE 900	82.4	86.3	88.3	88.6	88.8	88.8	90.0	90.3	90.3	90.7	90.7	90.7	90.9	90.9	90.9	90.9
GE 800	82.7	86.6	88.6	89.1	89.2	89.2	90.7	91.2	91.2	91.6	91.6	91.6	91.8	91.8	91.8	91.8
GE 700	83.3	87.4	89.8	90.7	90.9	90.9	92.4	92.9	92.9	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 600	83.4	88.0	90.6	91.9	92.2	92.2	93.8	94.2	94.2	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 500	83.9	88.8	91.3	93.2	93.5	93.5	95.3	95.7	95.7	96.2	96.4	96.4	96.5	96.5	96.5	96.5
GE 400	84.0	88.9	91.6	93.9	94.2	94.2	96.5	97.0	97.0	98.0	98.2	98.2	98.5	98.5	98.5	98.5
GE 300	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5
GE 200	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0
GE 0	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	55.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	59.9	62.3	62.6	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	60.6	62.9	63.2	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	60.6	62.9	63.2	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	60.9	63.2	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	63.2	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	65.4	68.2	68.6	68.6	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	65.8	68.6	69.1	69.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	68.8	71.6	72.0	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 7000	70.2	73.0	73.4	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	71.9	74.7	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	73.8	76.6	77.0	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	73.8	76.6	77.0	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	75.0	78.3	78.7	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	76.6	80.0	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	80.1	83.9	84.9	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	80.9	85.4	86.8	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	82.8	87.6	89.0	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	82.8	87.6	89.0	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	83.4	88.2	89.6	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	84.0	89.1	90.5	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	84.6	89.9	91.5	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0
GE 900	84.8	90.2	91.8	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3
GE 800	86.2	91.6	93.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.2	95.2	95.2
GE 700	86.3	91.9	93.6	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5
GE 600	86.6	92.5	94.3	95.3	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.6
GE 500	86.8	92.7	94.4	95.8	95.8	96.7	96.7	96.7	96.7	96.7	96.9	97.0	97.0	97.4	97.4	97.4
GE 400	87.1	93.2	94.9	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.6	98.6	98.6	99.1	99.1	99.1
GE 300	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	100.0	100.0
GE 200	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	100.0	100.0
GE 100	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	100.0	100.0
GE	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.0	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	55.8	59.0	59.0	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	57.5	60.7	60.7	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	57.5	60.7	60.7	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	58.0	61.1	61.1	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	60.9	64.1	64.3	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	63.7	67.3	67.5	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 9000	63.7	67.3	67.5	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	66.5	70.3	70.7	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	68.2	72.0	72.4	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	70.9	74.7	75.2	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	73.9	77.7	78.1	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	74.3	78.1	78.6	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	76.2	80.5	81.1	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	78.1	82.4	83.7	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	79.0	83.2	84.7	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	79.6	85.4	87.0	88.1	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	81.1	86.8	88.5	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	81.1	86.8	88.5	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1600	82.0	87.9	90.0	91.5	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1400	82.2	88.3	90.4	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	82.6	88.7	91.3	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	83.9	90.0	92.6	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	83.9	90.0	92.6	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	84.3	90.4	93.0	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	84.5	90.7	93.4	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	84.5	90.7	93.4	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	84.5	90.7	93.6	95.3	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	84.7	90.9	93.8	96.4	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL			42.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000		44.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 18000		48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000		48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000		48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000		54.1	57.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000		56.5	62.4	63.5	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000		56.5	63.5	64.7	64.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000		61.5	70.6	71.8	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000		63.5	70.6	71.8	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000		68.2	75.3	76.5	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000		71.8	78.8	80.0	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500		72.9	80.0	81.2	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000		74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500		74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000		74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500		76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000		76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800		76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500		76.5	84.7	85.9	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200		77.6	85.9	87.1	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000		78.8	87.1	88.2	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400		81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300		81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200		81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100		81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 50		81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	52.5	55.5	56.3	56.8	56.9	57.2	57.4	57.4	57.6	57.8	57.8	57.9	58.0	58.1	58.3	
GE 20000	1	56.4	60.0	60.8	61.4	61.5	62.2	62.3	62.3	62.5	62.8	62.8	62.9	62.9	63.1	63.2	
GE 18000	1	57.2	60.8	61.6	62.3	62.3	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.7	63.9	64.0	
GE 16000	1	57.2	60.8	61.6	62.3	62.3	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.7	63.9	64.0	
GE 14000	1	57.8	61.4	62.2	62.8	62.9	63.6	63.7	63.7	63.9	64.2	64.2	64.3	64.3	64.5	64.6	
GE 12000	1	60.5	64.0	65.0	65.6	65.7	66.4	66.5	66.5	66.8	67.0	67.0	67.1	67.1	67.3	67.4	
GE 10000	1	62.5	66.7	68.0	68.7	68.9	69.6	69.7	69.7	70.0	70.2	70.2	70.3	70.4	70.5	70.7	
GE 9000	1	62.7	66.9	68.2	68.9	69.1	69.8	69.9	69.9	70.2	70.4	70.4	70.5	70.6	70.7	70.9	
GE 8000	1	65.7	70.1	71.5	72.3	72.5	73.2	73.3	73.3	73.6	73.8	73.8	73.9	74.0	74.1	74.3	
GE 7000	1	66.7	71.0	72.5	73.2	73.5	74.2	74.3	74.3	74.6	74.8	74.8	74.9	74.9	75.1	75.2	
GE 6000	1	68.5	72.9	74.4	75.1	75.3	76.1	76.2	76.2	76.4	76.6	76.6	76.8	76.8	76.9	77.1	
GE 5000	1	70.1	74.5	76.0	76.8	77.0	77.7	77.8	77.8	78.1	78.3	78.3	78.4	78.5	78.6	78.8	
GE 4500	1	70.3	74.8	76.3	77.0	77.2	78.0	78.1	78.1	78.3	78.6	78.6	78.7	78.7	78.9	79.0	
GE 4000	1	71.6	76.5	78.0	78.9	79.1	79.8	79.9	79.9	80.2	80.4	80.4	80.5	80.6	80.7	80.8	
GE 3500	1	73.0	78.0	79.8	80.6	80.8	81.6	81.7	81.7	82.0	82.2	82.2	82.3	82.3	82.5	82.6	
GE 3000	1	74.6	79.7	81.6	82.5	82.7	83.4	83.6	83.6	83.9	84.1	84.1	84.2	84.2	84.4	84.5	
GE 2500	1	75.5	81.2	83.3	84.4	84.6	85.4	85.6	85.6	85.8	86.0	86.0	86.2	86.2	86.3	86.5	
GE 2000	1	76.7	82.6	84.7	85.9	86.1	87.0	87.2	87.2	87.4	87.6	87.6	87.8	87.8	87.9	88.1	
GE 1800	1	76.9	82.8	84.9	86.0	86.2	87.1	87.3	87.3	87.6	87.8	87.8	87.9	88.0	88.1	88.3	
GE 1500	1	77.6	83.6	85.8	87.0	87.3	88.3	88.6	88.6	88.9	89.1	89.1	89.3	89.3	89.4	89.6	
GE 1200	1	78.0	84.4	86.6	87.9	88.2	89.2	89.5	89.5	89.8	90.0	90.0	90.1	90.2	90.3	90.5	
GE 1000	1	78.6	85.0	87.5	89.0	89.3	90.3	90.5	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.7	
GE 900	1	79.2	85.6	88.2	89.6	89.9	90.9	91.2	91.2	91.5	91.8	91.8	92.0	92.0	92.1	92.3	
GE 800	1	79.6	86.2	88.7	90.4	90.7	91.9	92.3	92.3	92.7	92.9	92.9	93.1	93.2	93.3	93.5	
GE 700	1	80.0	86.6	89.3	91.2	91.5	92.7	93.0	93.0	93.6	93.9	93.9	94.1	94.1	94.3	94.4	
GE 600	1	80.2	87.0	89.8	91.8	92.2	93.5	93.9	93.9	94.4	94.7	94.7	94.9	95.0	95.1	95.3	
GE 500	1	80.3	87.3	90.1	92.5	92.9	94.4	94.9	94.9	95.5	95.9	95.9	96.2	96.2	96.3	96.5	
GE 450	1	80.6	87.6	90.5	93.3	93.9	95.8	96.4	96.4	97.2	97.7	97.7	98.0	98.0	98.2	98.3	
GE 400	1	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.6	98.6	99.1	99.2	99.3	99.4	
GE 300	1	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.6	98.6	99.3	99.4	99.6	99.8	
GE 200	1	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.7	98.7	99.4	99.5	99.7	100.0	
GE 100	1	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.7	98.7	99.4	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS/1ST: 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	1		31.6	39.8	42.7	45.1	45.7	47.3	47.4	47.4	48.3	48.8	49.3	50.0	50.9	51.2
GE 20000			35.7	44.7	47.8	50.9	51.5	53.2	53.6	53.6	54.6	55.3	55.3	55.8	56.5	57.8
GE 18000			36.0	45.4	48.5	51.5	52.2	53.9	54.3	54.3	55.3	56.0	56.0	56.5	57.2	58.5
GE 16000			36.0	45.4	48.5	51.5	52.2	53.9	54.3	54.3	55.3	56.0	56.0	56.5	57.2	58.5
GE 14000			36.2	45.7	48.8	51.9	52.6	54.3	54.6	54.6	55.6	56.3	56.3	56.8	57.5	58.9
GE 12000			38.4	48.1	51.2	54.3	54.9	56.7	57.0	57.0	58.0	58.7	58.7	59.2	59.9	61.3
GE 10000			42.7	53.1	56.1	59.7	60.4	62.1	62.5	62.5	63.5	64.2	64.2	64.7	65.4	66.7
GE 9000			43.0	53.4	56.5	60.1	60.8	62.5	62.8	62.8	63.8	64.5	64.5	65.0	65.7	67.1
GE 8000			46.9	58.4	61.6	65.4	66.0	67.9	68.3	68.3	69.3	70.0	70.0	70.5	71.2	72.7
GE 7000			47.6	59.2	62.6	66.4	67.1	68.9	69.3	69.3	70.3	71.0	71.0	71.5	72.2	73.7
GE 6000			48.1	59.9	63.3	67.1	67.9	70.0	70.3	70.3	71.3	72.0	72.0	72.5	73.2	74.7
GE 5000			48.8	61.1	64.7	68.4	69.3	71.3	72.0	72.0	73.0	73.7	73.7	74.2	74.9	76.6
GE 4500			48.8	61.1	64.7	68.4	69.3	71.3	72.0	72.0	73.0	73.7	73.7	74.2	74.9	76.6
GE 4000			49.1	61.6	65.4	69.1	70.0	72.0	72.7	72.7	73.7	74.4	74.4	74.9	75.6	77.3
GE 3500			49.3	61.8	65.7	69.5	70.3	72.5	73.2	73.2	74.2	74.9	74.9	75.4	76.1	77.8
GE 3000			50.0	62.6	66.7	71.2	72.0	74.2	74.9	74.9	75.9	76.6	76.6	77.1	77.8	79.5
GE 2500			50.2	63.3	67.4	72.0	72.9	75.1	75.8	75.8	76.8	77.5	77.5	78.0	78.7	80.4
GE 2000			50.5	64.2	68.3	73.2	74.1	76.6	77.6	77.6	78.7	79.4	79.4	79.9	80.5	82.3
GE 1800			50.9	64.5	68.6	73.5	74.4	77.0	78.0	78.0	79.0	79.7	79.7	80.2	80.9	82.6
GE 1500			52.4	66.7	70.8	76.3	77.1	79.7	80.7	80.7	81.7	82.4	82.4	82.9	83.6	85.3
GE 1200			53.2	67.7	72.0	78.0	78.8	81.4	82.4	82.4	83.4	84.1	84.1	84.6	85.3	87.0
GE 1000			53.9	68.8	73.0	79.0	79.9	82.8	84.1	84.1	85.2	85.8	85.8	86.3	87.0	88.7
GE 900			53.9	68.8	73.0	79.0	79.9	82.8	84.1	84.1	85.2	85.8	85.8	86.3	87.0	88.7
GE 800			54.3	69.1	73.4	79.4	80.2	83.6	85.0	85.0	86.2	86.9	86.9	87.5	88.2	89.9
GE 700			54.3	69.3	73.5	79.5	80.5	84.0	85.5	85.5	86.7	87.5	87.5	88.2	88.9	90.6
GE 600			54.3	69.6	73.9	79.9	81.1	84.5	86.0	86.0	87.2	88.1	88.1	88.7	89.4	91.1
GE 500			54.9	70.5	74.7	81.4	82.6	86.2	88.2	88.2	89.6	91.0	91.0	91.8	92.5	94.2
GE 400			54.9	71.0	75.3	82.1	83.3	87.4	89.8	89.8	91.1	92.5	92.5	93.3	94.0	95.7
GE 300			54.9	71.0	75.6	82.4	83.6	87.7	91.0	91.0	92.6	94.4	94.4	95.2	95.9	97.8
GE 200			54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8
GE 100			54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8
GE 0			54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8

TOTAL NUMBER OF OBSERVATIONS: 566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLNTRY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.1	48.2	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	51.5	55.4	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	54.3	58.8	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	59.0	62.6	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	58.0	62.6	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	61.5	66.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	62.2	66.9	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	62.5	67.4	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	64.0	69.2	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	64.5	69.7	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	64.9	70.2	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	66.0	71.4	72.2	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	68.6	75.1	75.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	71.2	78.5	79.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	72.6	80.5	81.2	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	71.5	81.4	82.2	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1600	78.3	86.9	87.7	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	78.9	87.7	88.5	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	79.8	89.2	90.3	91.7	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	80.0	89.4	90.5	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	80.9	90.3	91.5	92.9	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	81.4	90.8	92.2	93.5	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	82.0	91.8	93.4	94.9	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	82.6	92.6	94.3	96.0	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	82.6	92.9	94.6	96.5	96.9	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		45.4	47.5	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000		54.1	57.6	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000		54.8	58.2	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000		54.8	58.2	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000		55.1	58.6	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000		56.7	60.2	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000		61.2	65.0	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000		61.3	65.1	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000		64.6	68.6	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000		64.8	68.8	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000		65.8	69.7	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000		66.4	70.4	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500		66.6	70.6	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000		67.9	71.9	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500		70.2	74.2	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000		72.7	77.1	78.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500		75.8	80.8	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000		79.1	84.9	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1900		80.3	86.0	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800		82.6	89.3	90.6	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1700		82.7	89.5	91.1	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1600		83.7	91.0	92.8	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500		84.2	91.6	93.4	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1400		94.9	92.4	94.2	96.1	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1300		85.0	92.6	94.4	96.2	96.2	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200		85.0	92.8	94.9	96.7	96.7	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1100		95.2	92.9	95.2	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000		85.2	92.9	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	57.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 18000	58.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	58.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	58.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	61.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	66.3	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	66.3	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	70.9	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	71.4	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	72.4	77.9	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	73.6	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	73.6	79.1	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	74.9	80.4	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	76.4	82.2	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	78.9	84.9	85.7	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	80.7	86.7	87.4	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	81.7	87.7	88.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	81.7	87.7	89.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1600	84.7	91.5	93.2	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1400	85.2	92.0	93.7	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	85.4	92.7	94.5	96.5	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	85.7	93.2	95.2	97.7	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	85.7	93.2	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	85.7	93.2	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	85.7	93.2	95.7	98.2	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	85.9	93.5	96.0	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	85.9	93.5	96.0	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 398

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	71.2	80.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	72.7	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	75.8	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	75.8	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 6000	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	77.3	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	77.3	89.4	90.9	90.9	90.9	90.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	78.8	90.9	92.4	93.9	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	78.8	90.9	92.4	93.9	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	78.8	92.4	93.9	95.5	95.5	95.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	78.8	93.9	95.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 66

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			42.0	46.1	47.1	48.1	48.2	48.6	48.7	48.7	48.9	49.0	49.0	49.1	49.3	49.5	49.6
GE 20000			49.7	54.9	56.1	57.2	57.4	57.8	57.9	57.9	58.1	58.7	58.3	58.4	58.6	59.0	59.1
GE 18000			50.0	55.4	56.5	57.7	57.8	58.3	58.4	58.4	58.6	58.8	58.8	58.9	59.1	59.4	59.6
GE 16000			50.0	55.4	56.5	57.7	57.8	58.3	58.4	58.4	58.6	58.8	58.8	58.9	59.1	59.4	59.6
GE 14000			50.3	55.7	56.8	58.0	58.1	58.6	58.7	58.7	58.9	59.1	59.1	59.2	59.4	59.7	59.9
GE 12000			52.4	58.0	59.1	60.3	60.4	60.9	61.0	61.0	61.2	61.4	61.4	61.5	61.7	62.0	62.2
GE 10000			56.8	62.8	63.9	65.2	65.4	65.8	65.9	65.9	66.2	66.3	66.3	66.5	66.6	67.0	67.2
GE 9000			56.9	63.0	64.1	65.4	65.6	66.0	66.1	66.1	66.3	66.5	66.5	66.6	66.8	67.2	67.3
GE 8000			60.7	67.2	68.3	69.8	69.9	70.4	70.5	70.5	70.8	70.9	70.9	71.1	71.2	71.6	71.8
GE 7000			61.1	67.7	68.9	70.3	70.5	71.0	71.1	71.1	71.3	71.5	71.5	71.6	71.8	72.2	72.4
GE 6000			61.8	68.5	69.7	71.1	71.3	71.8	71.9	71.9	72.2	72.4	72.4	72.5	72.7	73.1	73.2
GE 5000			62.8	69.7	70.9	72.4	72.6	73.1	73.3	73.3	73.5	73.7	73.7	73.8	74.0	74.4	74.7
GE 4500			63.0	69.6	71.1	72.6	72.8	73.4	73.5	73.5	73.8	74.0	74.0	74.1	74.3	74.7	74.9
GE 4000			63.8	70.7	72.1	73.6	73.8	74.4	74.5	74.5	74.8	75.0	75.0	75.1	75.3	75.7	75.9
GE 3500			65.0	72.1	73.5	75.0	75.3	75.9	76.1	76.1	76.3	76.5	76.5	76.6	76.8	77.3	77.5
GE 3000			67.0	74.6	76.3	78.2	78.5	79.2	79.3	79.3	79.6	79.8	79.8	79.9	80.1	80.5	80.7
GE 2500			68.9	77.0	78.7	80.7	80.9	81.6	81.8	81.8	82.1	82.2	82.2	82.4	82.5	83.0	83.2
GE 2000			70.5	79.0	80.9	83.0	83.3	84.1	84.4	84.4	84.7	84.9	84.9	85.0	85.2	85.6	85.8
GE 1800			71.1	79.7	81.6	83.7	84.0	84.8	85.1	85.1	85.4	85.6	85.6	85.7	85.9	86.3	86.5
GE 1500			74.0	83.3	85.3	87.7	88.0	88.9	89.2	89.2	89.5	89.6	89.6	89.8	89.9	90.4	90.6
GE 1200			74.5	83.9	86.0	88.7	89.0	89.9	90.2	90.2	90.5	90.6	90.6	90.8	90.9	91.4	91.6
GE 1000			75.2	85.2	87.4	90.2	90.5	91.6	92.0	92.0	92.3	92.5	92.5	92.6	92.8	93.2	93.4
GE 900			75.4	85.5	87.8	90.7	91.0	92.1	92.5	92.5	92.8	93.0	93.0	93.1	93.3	93.7	93.9
GE 800			76.0	86.1	88.4	91.3	91.6	93.0	93.6	93.6	93.9	94.1	94.1	94.3	94.5	94.9	95.1
GE 700			76.1	86.3	88.6	91.6	91.9	93.3	93.9	93.9	94.3	94.5	94.5	94.7	94.8	95.3	95.5
GE 600			76.3	86.7	89.3	92.2	92.7	94.1	94.7	94.7	95.0	95.2	95.2	95.4	95.6	96.0	96.2
GE 500			76.7	87.3	89.9	93.2	93.6	95.1	95.9	95.9	96.4	96.7	96.7	96.9	97.1	97.6	97.8
GE 400			76.7	87.5	90.1	93.5	94.0	95.6	96.6	96.6	97.1	97.4	97.4	97.6	97.8	98.3	98.5
GE 300			76.8	87.5	90.3	93.8	94.4	96.1	97.4	97.4	98.1	98.5	98.5	98.7	98.9	99.4	99.7
GE 200			76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0
GE 100			76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0
GE 0			76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.1	44.8	50.3	54.7	54.7	57.0	58.4	58.4	59.1	59.6	59.6	60.7	60.7	60.9	61.4	
GE 20000	39.5	48.7	54.7	67.5	60.5	63.2	64.6	64.6	66.0	66.5	66.5	67.6	67.6	67.8	68.7	
GE 18000	39.8	49.2	55.2	61.1	61.1	63.7	65.1	65.1	66.7	67.3	67.3	68.3	68.3	68.5	69.4	
GE 16000	39.8	49.2	55.2	61.1	61.1	63.7	65.1	65.1	66.7	67.3	67.3	68.3	68.3	68.5	69.4	
GE 14000	42.7	50.3	56.3	62.1	62.1	64.8	66.2	66.2	67.6	68.3	68.3	69.4	69.4	69.6	70.4	
GE 12000	42.7	52.4	58.6	64.4	64.4	67.1	68.5	68.5	70.1	70.6	70.6	71.7	71.7	71.9	72.7	
GE 10000	45.0	55.4	62.7	68.7	68.8	71.9	73.3	73.3	75.0	75.6	75.6	76.6	76.6	76.8	77.7	
GE 9000	45.0	55.6	62.8	68.8	69.0	72.0	73.5	73.5	75.2	75.8	75.8	76.8	76.8	77.0	77.9	
GE 8000	46.4	58.1	65.5	71.5	71.7	74.7	76.1	76.1	77.9	78.4	78.4	79.5	79.5	79.6	80.5	
GE 7000	46.4	58.4	66.2	72.4	72.6	75.6	77.0	77.0	78.8	79.3	79.3	80.4	80.4	80.5	81.4	
GE 6000	47.4	59.6	67.6	73.8	74.0	77.0	78.4	78.4	80.2	80.7	80.7	81.8	81.8	81.9	82.8	
GE 5000	47.8	60.2	68.1	74.3	74.5	77.5	78.9	78.9	80.7	81.2	81.2	82.3	82.3	82.5	83.4	
GE 4500	48.1	60.5	68.5	74.7	74.9	77.9	79.3	79.3	81.1	81.6	81.6	82.7	82.7	82.8	83.7	
GE 4000	48.3	60.9	68.8	75.0	75.2	78.4	79.8	79.8	81.6	82.1	82.1	83.2	83.2	83.4	84.2	
GE 3500	49.2	61.9	70.1	76.3	76.5	79.6	81.1	81.1	82.8	83.4	83.4	84.4	84.4	84.6	85.5	
GE 3000	49.7	62.7	70.8	77.0	77.2	80.4	81.8	81.8	83.5	84.1	84.1	85.1	85.1	85.3	86.2	
GE 2500	50.8	63.9	72.2	78.4	78.6	81.9	83.4	83.4	85.1	85.7	85.7	86.7	86.7	86.9	87.8	
GE 2000	51.9	65.1	73.8	80.4	80.5	83.9	85.3	85.3	87.3	87.8	87.8	88.8	88.8	89.2	90.1	
GE 1800	51.9	65.1	73.8	80.5	80.7	84.1	85.5	85.5	87.4	88.0	88.0	89.0	89.0	89.4	90.3	
GE 1500	52.4	65.7	74.5	81.2	81.4	85.0	86.4	86.4	88.3	89.0	89.0	90.3	90.3	90.6	91.5	
GE 1200	52.4	65.7	74.9	82.5	82.8	86.7	88.1	88.1	90.3	91.0	91.0	92.2	92.2	92.6	93.5	
GE 1000	52.7	66.0	75.2	83.7	84.2	88.3	89.7	89.7	92.4	93.3	93.3	94.5	94.5	94.9	95.8	
GE 900	52.7	66.0	75.2	83.7	84.2	88.3	89.7	89.7	92.4	93.3	93.3	94.5	94.5	94.9	95.8	
GE 800	53.3	66.5	75.8	84.2	85.0	89.0	90.4	90.4	93.1	94.0	94.0	95.2	95.2	95.6	96.5	
GE 700	53.6	66.9	76.1	85.1	85.8	89.9	91.5	91.5	94.2	95.0	95.0	96.3	96.3	96.6	97.5	
GE 600	53.8	67.1	76.3	85.3	86.0	90.1	91.9	91.9	94.5	95.4	95.4	96.6	96.6	97.0	97.9	
GE 500	53.8	67.1	76.3	85.3	86.4	90.4	92.6	92.7	95.4	96.3	96.3	97.5	97.5	97.9	98.9	
GE 400	54.0	67.4	76.6	85.7	86.7	90.8	92.9	93.1	95.8	96.6	96.6	97.9	97.9	98.2	99.3	
GE 300	54.0	67.4	76.6	85.7	86.7	90.8	92.9	93.1	95.8	96.6	96.6	97.9	97.9	98.6	99.6	
GE 200	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0	
GE 100	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0	
GE 0	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	46.7	52.7	55.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	52.9	61.3	64.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	53.3	62.1	64.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	53.3	62.1	64.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	54.0	62.7	65.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	56.8	65.6	68.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	59.0	69.4	72.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	59.2	69.5	72.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	60.8	71.6	75.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	61.1	71.9	75.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	62.2	73.0	76.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	62.4	73.3	77.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	62.5	73.5	77.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	63.8	74.8	78.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	64.8	75.7	79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	66.7	77.6	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	69.0	80.3	85.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	71.1	83.3	88.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	71.4	83.7	88.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	72.2	84.8	90.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	73.2	85.7	91.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	74.0	86.8	92.9	96.7	96.8	97.5	97.9	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	74.3	87.1	93.2	97.0	97.1	97.8	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	74.4	87.3	93.3	97.3	97.5	98.4	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	74.4	87.3	93.3	97.3	97.6	98.6	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	74.4	87.3	93.5	97.5	97.8	98.9	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUN

HOURS (EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	.2	46.5	52.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	.2	56.9	64.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	.2	57.2	65.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	.2	57.2	65.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	.2	58.4	66.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	.2	61.9	70.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	.2	61.3	71.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	.2	63.6	72.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	.2	66.3	75.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	.2	66.9	75.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	.2	68.0	76.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	.2	68.5	77.3	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	.2	68.8	77.7	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	.2	69.3	78.4	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	.2	70.0	79.4	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	.2	72.7	82.6	85.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	.2	74.8	84.9	88.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	.2	77.2	88.3	92.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	.2	77.5	88.8	92.6	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	.2	78.2	89.9	93.8	95.3	95.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	.2	79.0	90.8	94.6	96.3	96.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	.2	79.4	91.3	95.3	97.5	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	.2	79.5	91.4	95.5	97.7	97.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	55.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	58.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	58.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	58.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 14000	59.4	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	60.7	70.4	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	63.0	72.7	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	63.7	73.4	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	67.0	77.4	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	67.7	78.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	68.1	79.7	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	68.6	80.1	84.1	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	68.6	80.1	84.1	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	68.6	81.1	85.0	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	70.2	82.4	86.4	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	70.9	83.4	87.5	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	73.2	86.1	90.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	73.9	87.8	92.1	93.5	93.5	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	74.4	88.2	92.8	94.2	94.2	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	74.6	88.7	93.5	95.2	95.2	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	74.6	88.7	93.5	95.4	95.4	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLONY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUN

HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	45.2	50.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	57.6	53.6	53.6	53.6	53.6
GE 20000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	61.9	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	61.9	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	63.1	77.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	66.7	81.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	66.7	81.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	67.9	82.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	69.0	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	70.2	85.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	70.2	85.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	70.2	86.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	70.2	86.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	70.2	88.1	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	70.2	88.1	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	.0	44.1	51.1	54.3	55.9	55.9	56.5	56.8	56.8	57.0	57.1	57.1	57.4	57.4	57.4	57.5		
GE 20000	.0	51.9	60.6	64.1	66.2	66.2	66.8	67.2	67.2	67.5	67.6	67.6	67.9	67.9	67.9	68.2		
GE 18000	.0	52.2	61.1	64.6	66.7	66.7	67.3	67.7	67.7	68.1	68.2	68.2	68.5	68.5	68.5	68.7		
GE 16000	.0	52.2	61.1	64.6	66.7	66.7	67.3	67.7	67.7	68.1	68.2	68.2	68.5	68.5	68.5	68.7		
GE 14000	.0	53.0	62.0	65.5	67.5	67.5	68.2	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.4	69.6		
GE 12000	.0	55.5	64.5	68.1	70.2	70.2	70.8	71.2	71.2	71.6	71.7	71.7	72.0	72.0	72.0	72.2		
GE 10000	.0	57.4	67.2	71.1	73.4	73.4	74.1	74.5	74.5	74.9	75.0	75.0	75.3	75.3	75.3	75.6		
GE 9000	.0	57.7	67.5	71.5	73.7	73.7	74.5	74.8	74.8	75.3	75.4	75.4	75.6	75.6	75.7	75.9		
GE 8000	.0	56.9	70.3	74.8	77.1	77.1	77.9	78.2	78.2	78.6	78.8	78.8	79.0	79.0	79.1	79.3		
GE 7000	.0	61.3	70.9	75.5	77.9	77.9	78.6	79.0	79.0	79.4	79.5	79.5	79.8	79.8	79.9	80.1		
GE 6000	.0	61.2	72.1	76.9	79.3	79.4	80.2	80.5	80.5	80.9	81.1	81.1	81.3	81.3	81.4	81.6		
GE 5000	.0	61.7	72.7	77.4	79.9	79.9	80.7	81.1	81.1	81.5	81.6	81.6	81.9	81.9	81.9	82.1		
GE 4500	.0	61.9	72.9	77.6	80.1	80.2	80.9	81.3	81.3	81.7	81.8	81.8	82.1	82.1	82.1	82.4		
GE 4000	.0	62.5	73.7	78.5	81.0	81.1	81.9	82.2	82.2	82.7	82.8	82.8	83.1	83.1	83.1	83.3		
GE 3500	.0	63.5	74.8	79.7	82.3	82.4	83.2	83.5	83.5	84.0	84.1	84.1	84.4	84.4	84.4	84.6		
GE 3000	.0	65.0	76.6	81.7	84.4	84.5	85.3	85.7	85.7	86.1	86.2	86.2	86.5	86.5	86.5	86.7		
GE 2700	.0	66.9	78.8	84.1	87.0	87.0	88.0	88.3	88.3	88.7	88.9	88.9	89.1	89.1	89.2	89.4		
GE 2500	.0	68.5	81.1	86.7	89.8	89.9	91.0	91.3	91.3	91.9	92.1	92.1	92.3	92.3	92.4	92.6		
GE 1800	.0	68.7	81.4	87.1	90.2	90.3	91.4	91.7	91.7	92.3	92.5	92.5	92.7	92.7	92.8	93.0		
GE 1500	.0	65.3	82.3	88.1	91.3	91.4	92.8	93.2	93.2	93.8	94.0	94.0	94.3	94.3	94.4	94.6		
GE 1200	.0	65.8	82.8	88.8	92.3	92.5	94.1	94.6	94.6	95.2	95.4	95.4	95.7	95.7	95.8	96.0		
GE 1000	.0	70.2	83.4	89.7	93.9	94.1	95.8	96.3	96.3	97.2	97.4	97.4	97.7	97.7	97.8	98.1		
GE 900	.0	70.4	83.5	89.8	94.0	94.2	95.9	96.4	96.4	97.4	97.6	97.6	97.9	97.9	98.0	98.2		
GE 800	.0	70.6	83.8	90.0	94.3	94.5	96.3	96.9	96.9	97.8	98.1	98.1	98.4	98.4	98.5	98.7		
GE 700	.0	70.7	83.8	90.1	94.5	94.8	96.6	97.2	97.2	98.1	98.4	98.4	98.7	98.7	98.8	99.0		
GE 600	.0	70.7	83.9	90.2	94.6	94.9	96.7	97.4	97.4	98.3	98.6	98.6	98.9	98.9	99.0	99.2		
GE 500	.0	70.7	83.9	90.3	94.7	95.1	97.0	97.7	97.7	98.7	99.0	99.0	99.3	99.3	99.4	99.7		
GE 400	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	97.9	98.9	99.2	99.2	99.5	99.5	99.6	99.8		
GE 300	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	97.9	98.9	99.2	99.2	99.5	99.5	99.7	99.9		
GE 200	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0		
GE 100	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0		
GE 0	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL			28.4	38.6	43.5	48.9	50.4	53.9	55.8	55.9	56.3	56.5	56.5	57.1	57.2	58.9
GE 20000			32.3	44.8	50.0	56.7	58.2	62.6	64.5	64.5	65.6	66.7	66.0	66.5	66.7	68.6
GE 18000			32.7	45.4	50.6	57.4	58.9	63.4	65.2	65.2	66.4	66.7	66.7	67.3	67.5	69.3
GE 16000			32.7	45.4	50.6	57.4	58.9	63.4	65.2	65.2	66.4	66.7	66.7	67.3	67.5	69.3
GE 14000			33.1	45.7	50.9	57.8	59.5	63.9	65.8	65.8	66.9	67.3	67.3	67.8	68.0	69.9
GE 12000			37.0	50.0	55.8	63.0	64.7	69.1	71.0	71.0	72.1	72.5	72.5	73.0	73.2	75.1
GE 10000			39.4	53.5	59.7	68.2	69.9	75.1	77.0	77.0	78.4	79.8	78.8	79.7	79.9	82.0
GE 9000			39.6	53.7	59.9	68.6	70.3	75.5	77.3	77.3	78.8	79.2	79.2	80.1	80.3	82.3
GE 8000			42.0	56.5	63.0	71.7	73.6	79.0	80.9	80.9	82.5	82.9	82.9	84.0	84.2	86.4
GE 7000			42.0	56.5	63.0	71.7	73.6	79.0	80.9	80.9	82.5	82.9	82.9	84.0	84.2	86.4
GE 6000			42.4	56.9	63.9	73.2	75.1	80.7	82.5	82.5	84.2	84.6	84.6	85.7	85.9	88.1
GE 5000			42.9	57.4	64.5	74.0	75.8	81.6	83.5	83.5	85.1	85.5	85.5	86.6	86.8	89.0
GE 4500			42.9	57.4	64.5	74.0	75.8	81.6	83.5	83.5	85.1	85.5	85.5	86.6	86.8	89.0
GE 4000			43.1	57.6	64.9	74.5	76.4	82.3	84.2	84.2	85.9	86.2	86.2	87.4	87.5	89.8
GE 3500			43.7	58.6	65.8	75.5	77.3	83.3	85.1	85.1	86.8	87.2	87.2	88.3	88.5	90.7
GE 3000			43.9	59.1	66.5	76.6	78.4	84.4	86.2	86.2	88.3	89.7	88.7	89.8	90.0	92.2
GE 2500			44.2	59.7	67.1	77.1	79.0	84.9	86.8	86.8	88.6	89.2	89.2	90.3	90.5	92.8
GE 2000			44.6	60.2	67.8	77.9	79.7	85.7	87.5	87.5	89.6	90.0	90.0	91.1	91.3	93.5
GE 1800			44.8	60.2	67.8	77.9	79.7	85.7	87.5	87.5	89.6	90.0	90.0	91.1	91.3	93.5
GE 1600			45.4	61.0	68.8	79.0	80.9	87.0	89.2	89.2	91.3	91.6	91.6	92.8	92.9	95.2
GE 1400			45.5	61.2	69.1	79.6	81.4	87.7	90.0	90.0	92.0	92.4	92.4	93.5	93.7	95.9
GE 1200			45.7	61.3	69.5	80.9	82.7	89.0	91.3	91.3	93.3	93.7	93.7	94.8	95.0	97.2
GE 1000			45.9	61.5	69.7	81.0	82.9	89.2	91.4	91.4	93.5	93.9	93.9	95.0	95.2	97.4
GE 900			45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6
GE 800			45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6
GE 700			45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6
GE 600			45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6
GE 500			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5
GE 400			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5
GE 300			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5
GE 200			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5
GE 100			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.3	96.5	98.7
GE 0			46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.3	96.5	98.7

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		40.4	47.2	51.1	55.2	55.4	56.4	56.5	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000		47.3	55.1	59.4	63.8	63.9	64.9	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 18000		48.0	55.7	60.1	64.4	64.6	65.7	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000		48.0	55.7	60.2	64.6	64.7	65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000		49.4	57.3	61.8	66.2	66.3	67.3	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000		53.6	61.5	66.0	70.4	70.5	71.5	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000		58.8	67.0	71.5	76.2	76.3	77.6	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000		59.1	67.3	71.8	76.5	76.7	77.9	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000		61.8	70.7	75.8	80.5	80.7	82.0	82.1	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000		62.0	70.9	76.0	80.8	81.0	82.3	82.4	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000		62.0	71.0	76.5	81.5	81.6	82.9	83.1	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000		62.8	71.8	77.3	82.4	82.6	84.1	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500		62.8	71.8	77.3	82.4	82.6	84.1	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000		63.1	72.1	77.6	82.9	83.1	84.5	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500		63.9	72.9	78.4	83.7	83.9	85.3	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000		65.4	74.4	80.0	85.3	85.5	87.0	87.1	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500		66.3	75.7	81.3	86.6	86.8	88.2	88.4	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000		68.8	78.7	84.4	89.9	90.0	91.5	91.6	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800		69.2	79.4	85.0	90.5	90.7	92.1	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1600		70.4	81.3	87.3	93.1	93.2	94.8	95.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1400		70.7	81.6	87.9	93.7	93.9	95.5	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200		71.8	82.9	89.5	95.3	95.5	97.4	97.7	97.7	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 1000		72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4
GE 900		72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4
GE 800		72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4
GE 700		72.0	83.1	89.7	95.5	95.7	97.9	98.2	98.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5
GE 600		72.1	83.3	89.9	95.7	95.8	98.1	98.4	98.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7
GE 500		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 400		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 300		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 200		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 100		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 0		72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 4/16	GE 1/4	GE 0
NO CEIL	38.3	44.3	48.8	51.4	51.4	51.4	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	47.8	55.3	60.2	63.1	63.1	63.1	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	48.1	55.7	60.5	63.4	63.4	63.4	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	48.1	55.7	60.5	63.4	63.4	63.4	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	49.0	56.6	61.4	64.3	64.3	64.3	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	52.8	60.7	65.5	68.4	68.4	68.4	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	55.5	64.0	68.8	72.1	72.2	72.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	56.0	64.5	69.3	72.6	72.8	72.8	73.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	58.1	66.9	71.9	75.3	75.5	75.5	76.0	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	58.6	67.4	72.4	75.9	76.0	76.0	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	59.0	67.8	72.8	76.2	76.4	76.4	76.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	60.5	69.5	74.7	78.1	78.3	78.3	78.8	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	60.9	69.8	75.0	78.4	78.6	78.6	79.1	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	61.4	70.3	75.5	79.0	79.1	79.1	79.7	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	62.4	71.4	76.6	80.3	80.5	80.5	81.0	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	64.7	73.6	79.0	83.6	83.8	83.8	84.3	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	67.2	76.9	82.8	87.4	87.6	87.6	88.6	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	69.5	80.5	86.7	91.4	91.6	91.6	92.6	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	69.8	80.9	87.1	91.7	91.9	91.9	92.9	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	70.7	82.8	89.5	94.7	94.8	94.8	95.9	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	70.9	83.4	90.2	95.3	95.5	95.5	96.6	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	71.4	84.0	90.7	96.2	96.4	96.4	97.6	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	71.6	84.1	90.9	96.4	96.6	96.6	97.8	98.4	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.7	84.8	91.6	97.1	97.2	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GL 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1		38.5	46.5	50.7	52.7	52.7	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 2000	1		47.6	57.5	62.3	64.3	64.6	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1800	1		47.9	58.4	63.2	65.2	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 1600	1		47.9	58.4	63.2	65.2	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 1400	1		49.0	59.5	64.3	66.3	66.6	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1200	1		53.3	63.7	68.8	71.1	71.4	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1000	1		55.0	65.4	70.5	72.8	73.1	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 900	1		55.2	65.7	70.8	73.1	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 800	1		56.4	67.1	72.2	74.5	74.8	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 700	1		57.2	68.0	73.1	75.4	75.6	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 600	1		58.1	68.8	74.2	76.5	76.8	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 500	1		60.1	71.1	76.8	79.0	79.3	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 450	1		60.1	71.1	76.8	79.0	79.3	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 400	1		60.3	71.7	77.3	79.6	79.9	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 350	1		60.9	72.5	78.2	80.5	80.7	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 300	1		63.5	75.1	81.6	83.0	83.8	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 250	1		66.0	79.9	87.3	91.2	92.1	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 200	1		66.6	81.6	89.0	92.9	93.8	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 180	1		66.9	81.9	89.2	93.2	94.1	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 150	1		67.1	83.0	90.7	94.9	96.0	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	1		67.1	83.0	90.7	94.9	96.0	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	1		68.0	83.9	91.5	95.8	96.9	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	1		68.0	83.9	91.5	95.8	96.9	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	1		68.0	84.1	92.1	96.6	97.7	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 700	1		68.0	84.1	92.1	96.6	97.7	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 600	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	1		68.0	84.1	92.1	96.6	97.7	98.6	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LT): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		35.2	49.0	54.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000		45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000		45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000		45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000		45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000		52.9	68.6	74.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000		56.9	72.5	78.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000		58.8	74.5	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000		58.8	76.5	82.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000		58.8	76.5	82.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000		67.8	78.4	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000		62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500		62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000		62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500		62.7	84.3	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000		62.7	84.3	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1600		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1400		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 200		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 0		64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS: 51

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUL

HOURS (LST):

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		36.5	44.2	48.7	52.2	52.6	53.8	54.6	54.6	54.9	55.0	55.0	55.1	55.2	55.6
GE 20000		43.7	53.1	57.9	62.0	62.4	63.9	64.6	64.6	65.1	65.2	65.2	65.3	65.4	66.1
GE 18000		44.1	53.6	58.4	62.6	63.0	64.5	65.2	65.2	65.7	65.8	65.8	65.9	66.0	66.7
GE 16000		44.1	53.6	58.5	62.6	63.1	64.5	65.3	65.3	65.7	65.8	65.8	66.0	66.0	66.8
GE 14000		45.0	54.6	59.4	63.6	64.1	65.6	66.3	66.3	66.8	66.9	66.9	67.0	67.1	67.8
GE 12000		45.1	58.9	64.0	68.3	68.8	70.2	71.0	71.0	71.4	71.5	71.5	71.7	71.7	72.5
GE 10000		52.4	62.7	67.8	72.6	73.2	75.0	75.8	75.8	76.3	76.4	76.4	76.7	76.7	77.5
GE 9000		52.7	63.0	68.2	73.0	73.6	75.5	76.2	76.2	76.8	76.9	76.9	77.1	77.1	77.9
GE 8000		54.9	65.7	71.1	76.0	76.6	78.5	79.3	79.3	79.9	80.0	80.0	80.3	80.4	81.2
GE 7000		55.2	66.0	71.4	76.4	77.0	78.9	79.7	79.7	80.3	80.4	80.4	80.7	80.7	81.6
GE 6000		55.6	66.4	72.1	77.3	77.9	79.8	80.6	80.6	81.2	81.3	81.3	81.6	81.7	82.5
GE 5000		56.7	67.7	73.5	78.8	79.4	81.4	82.2	82.2	82.8	82.9	82.9	83.2	83.2	84.1
GE 4500		56.8	67.8	73.6	78.9	79.5	81.5	82.3	82.3	82.9	83.0	83.0	83.3	83.3	84.2
GE 4000		57.2	68.2	74.1	79.4	80.0	82.1	82.8	82.8	83.5	83.6	83.6	83.9	83.9	84.8
GE 3500		57.9	69.1	75.0	80.4	81.0	83.1	83.9	83.9	84.6	84.6	84.6	84.9	85.0	85.9
GE 3000		59.4	70.7	76.9	82.8	83.5	85.7	86.4	86.4	87.3	87.4	87.4	87.6	87.7	88.6
GE 2500		60.9	73.0	79.4	85.4	86.1	88.5	89.2	89.2	90.1	90.2	90.2	90.5	90.5	91.4
GE 2000		62.5	75.3	81.8	87.9	88.6	90.9	91.7	91.7	92.6	92.7	92.7	93.0	93.0	93.9
GE 1800		62.8	75.6	82.2	88.2	88.9	91.3	92.0	92.0	93.0	93.0	93.0	93.3	93.4	94.3
GE 1600		63.5	77.0	83.9	90.4	91.1	93.6	94.4	94.4	95.4	95.5	95.5	95.8	95.8	96.7
GE 1400		63.7	77.4	84.4	90.9	91.6	94.1	95.0	95.0	96.0	96.1	96.1	96.4	96.5	97.3
GE 1000		64.3	78.1	85.3	92.1	92.8	95.4	96.4	96.4	97.4	97.5	97.5	97.9	97.9	98.8
GE 900		64.5	78.2	85.4	92.2	93.0	95.6	96.5	96.5	97.6	97.7	97.7	98.0	98.1	99.0
GE 800		64.5	78.4	85.7	92.6	93.3	96.0	96.9	96.9	97.9	98.1	98.1	98.5	98.5	99.1
GE 700		64.5	78.4	85.7	92.6	93.3	96.0	96.9	96.9	97.9	98.1	98.1	98.5	98.5	99.1
GE 600		64.5	78.4	85.7	92.6	93.4	96.1	97.0	97.0	98.0	98.2	98.2	98.6	98.6	99.2
GE 500		64.7	78.6	85.9	92.8	93.6	96.3	97.2	97.2	98.3	98.5	98.5	98.9	98.9	99.9
GE 400		64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	100.0
GE 300		64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	100.0
GE 200		64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	100.0
GE 100		64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.1	100.0
GE		64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 2143

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(1ST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.2	32.9	38.9	45.6	46.8	50.9	52.4	52.4	55.6	56.7	56.0	58.1	58.7	62.4	64.0	
GE 20000	25.7	38.0	44.6	52.3	53.6	58.3	60.3	60.3	63.6	64.2	64.2	66.7	67.5	71.8	73.6	
GE 18000	25.7	38.7	45.4	53.0	54.4	59.1	61.1	61.1	64.4	65.0	65.0	67.5	68.3	72.6	74.4	
GE 16000	25.7	38.7	45.4	53.0	54.4	59.1	61.1	61.1	64.4	65.7	65.0	67.5	68.3	72.6	74.4	
GE 14000	25.9	38.9	45.6	53.2	54.6	59.3	61.4	61.4	64.8	65.6	65.6	68.1	68.9	73.2	75.0	
GE 12000	30.9	40.5	47.4	55.4	56.8	61.8	64.0	64.0	67.3	68.1	68.1	70.6	71.4	75.7	77.5	
GE 10000	33.5	43.4	50.7	59.5	60.9	66.3	68.7	68.7	72.0	73.7	73.0	75.7	76.5	80.8	82.8	
GE 9000	33.7	43.6	50.9	59.7	61.1	66.5	68.9	68.9	72.4	73.4	73.4	76.1	76.9	81.2	83.2	
GE 8000	34.6	45.0	52.8	62.4	63.8	69.7	72.2	72.2	75.7	76.9	76.9	79.6	79.6	84.7	86.7	
GE 7000	34.6	45.2	53.0	62.6	64.0	69.9	72.6	72.6	76.1	77.3	77.3	80.0	80.8	85.1	87.1	
GE 6000	35.2	45.8	53.6	63.2	64.6	70.5	73.2	73.2	76.7	77.9	77.9	80.8	81.6	85.9	87.9	
GE 5000	35.6	46.4	54.2	63.8	65.2	71.0	74.0	74.0	77.5	79.7	79.7	81.6	82.4	86.7	88.6	
GE 4500	35.8	46.4	54.2	63.8	65.2	71.0	74.0	74.0	77.5	79.7	79.7	81.6	82.4	86.7	88.6	
GE 4000	35.8	46.6	54.4	64.0	65.4	71.2	74.2	74.2	77.7	79.9	79.9	81.8	82.6	86.9	88.8	
GE 3500	36.2	47.4	55.2	64.8	66.1	72.0	75.0	75.0	78.5	79.6	79.6	82.6	83.4	87.7	89.6	
GE 3000	36.6	47.7	55.6	65.4	66.7	72.6	75.5	75.5	79.1	80.2	80.2	83.2	84.0	88.3	90.2	
GE 2500	37.0	48.3	56.2	65.9	67.3	73.2	76.1	76.1	79.6	80.8	80.8	83.9	84.5	88.8	91.0	
GE 2000	37.8	49.1	56.9	66.7	68.7	74.8	77.9	77.9	81.8	83.2	83.2	86.1	86.9	91.2	93.3	
GE 1800	37.8	49.1	56.9	66.7	68.7	74.8	77.9	77.9	81.8	83.2	83.2	86.1	86.9	91.2	93.3	
GE 1500	38.6	49.9	57.9	68.1	70.3	76.3	79.5	79.5	83.4	84.7	84.7	87.7	88.5	92.8	94.9	
GE 1200	38.7	50.1	58.3	68.7	70.8	77.5	80.6	80.6	84.5	85.9	85.9	88.9	89.6	93.9	96.1	
GE 1000	38.9	50.5	58.7	69.7	72.0	78.7	81.8	81.8	86.5	87.9	87.9	90.8	91.6	95.9	98.0	
GE 900	38.9	50.5	58.7	69.7	72.0	78.9	82.0	82.0	86.7	88.1	88.1	91.0	91.8	96.1	98.2	
GE 800	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 700	38.9	50.5	58.7	69.9	72.4	79.8	83.0	83.0	87.9	89.2	89.2	92.2	93.0	97.3	99.4	
GE 600	38.9	50.5	58.7	69.9	72.6	80.0	83.2	83.2	88.1	89.4	89.4	92.4	93.2	97.5	99.6	
GE 500	38.9	50.5	58.7	69.9	72.6	80.0	83.2	83.2	88.1	89.4	89.4	92.4	93.2	97.5	99.6	
GE 400	38.9	50.5	58.7	69.9	72.6	80.0	83.2	83.2	88.1	89.4	89.4	92.4	93.2	97.5	99.6	
GE 300	38.9	50.5	58.7	69.9	72.8	80.2	83.4	83.4	88.3	89.6	89.6	92.6	93.3	97.7	99.8	
GE 200	38.9	50.5	58.7	69.9	72.8	80.2	83.4	83.4	88.5	89.8	89.8	92.8	93.5	97.8	100.0	
GE 100	38.9	50.5	58.7	69.9	72.8	80.2	83.4	83.4	88.5	89.8	89.8	92.8	93.5	97.8	100.0	
GE 0	38.9	50.5	58.7	69.9	72.8	80.2	83.4	83.4	88.5	89.8	89.8	92.8	93.5	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GF 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1		32.9	41.4	48.0	50.9	51.0	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 2000	1		38.2	49.0	56.4	59.9	60.1	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 1800	1		39.5	50.4	57.8	61.4	61.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 1600	1		39.5	50.4	57.8	61.4	61.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 1400	1		39.8	50.7	58.1	61.7	61.8	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
GE 1200	1		41.4	52.7	60.1	63.6	63.8	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 1000	1		43.6	55.6	63.4	67.1	67.3	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
GE 900	1		43.6	55.9	63.6	67.5	67.6	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 800	1		45.7	59.3	67.3	71.3	71.5	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 700	1		46.2	59.9	68.1	72.1	72.3	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 600	1		46.7	60.4	68.6	72.8	72.9	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 500	1		47.5	61.4	69.6	73.8	73.9	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 450	1		47.7	61.5	69.7	73.9	74.1	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 400	1		47.7	61.5	69.7	73.9	74.1	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 350	1		48.1	62.2	70.4	74.9	75.0	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
GE 300	1		49.9	63.9	72.1	76.7	76.8	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 250	1		51.6	68.4	77.3	81.6	81.8	84.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 200	1		57.5	73.3	82.0	87.4	87.6	90.8	92.1	92.1	92.8	92.8	92.8	92.8	92.8	92.9	92.9	
GE 180	1		57.8	73.6	82.4	87.9	88.1	91.3	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.4	93.4	
GE 150	1		59.6	75.5	84.7	90.2	90.3	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.7	95.7	
GE 120	1		59.9	76.3	85.8	91.3	91.8	95.0	96.3	96.3	96.9	96.9	96.9	96.9	96.9	97.1	97.1	
GE 100	1		60.2	76.8	86.6	92.1	92.6	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.9	97.9	
GE 90	1		60.2	76.8	86.6	92.1	92.6	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.9	97.9	
GE 80	1		60.2	76.8	87.1	92.9	93.4	96.6	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.7	98.7	
GE 70	1		60.2	77.0	87.3	93.1	93.6	96.8	98.1	98.1	98.7	98.7	98.7	98.9	98.9	99.0	99.0	
GE 60	1		60.4	77.1	87.6	93.6	94.0	97.3	98.6	98.6	99.2	99.2	99.2	99.4	99.4	99.5	99.5	
GE 50	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	
GE 40	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	
GE 300	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	
GE 200	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	
GE 100	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	
GE 0	1		60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1		79.6	37.5	43.2	45.8	46.0	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	1		34.9	45.2	52.5	55.3	55.8	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.6
GE 18000	1		35.2	46.0	53.4	56.1	56.6	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	1		35.2	46.0	53.4	56.1	56.6	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	1		35.7	46.5	53.8	56.6	57.1	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	1		38.5	49.9	57.9	60.7	61.2	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	1		42.2	54.3	62.4	65.5	66.0	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	1		42.2	54.3	62.4	65.5	66.0	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	1		45.3	57.8	66.0	69.6	70.0	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	1		45.7	58.1	66.3	70.0	70.5	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	1		47.1	59.6	67.8	71.5	72.0	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	1		47.3	59.7	67.9	71.8	72.3	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	1		48.0	60.4	68.6	72.5	73.0	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	1		48.4	60.9	69.1	73.0	73.5	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	1		49.6	62.5	70.9	75.0	75.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	1		52.2	66.0	74.8	79.2	79.7	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	1		55.0	70.4	79.9	84.9	85.4	87.7	88.4	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	1		57.8	74.0	84.1	89.9	90.3	93.0	93.8	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	1		57.8	74.1	84.3	90.0	90.5	93.1	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	1		59.4	75.9	86.4	92.8	93.5	96.1	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	1		59.9	76.4	86.9	93.3	93.9	96.7	97.5	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	1		59.9	76.4	86.9	93.3	93.9	96.9	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	1		59.9	76.4	86.9	93.3	93.9	96.9	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	1		60.2	76.6	87.6	93.9	94.6	97.5	98.4	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	1		60.4	76.9	87.7	94.1	94.8	97.7	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	1		60.4	76.9	87.7	94.1	94.8	97.7	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1		60.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.9	39.1	44.8	46.6	46.6	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	36.5	50.3	60.2	64.1	64.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	38.0	52.9	63.0	67.2	67.2	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	42.4	57.8	68.0	72.1	72.1	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	42.7	58.1	68.2	72.4	72.4	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	44.8	60.4	70.6	75.5	75.5	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	45.6	61.2	71.4	76.3	76.3	78.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	47.4	63.0	73.2	78.1	78.4	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	47.7	63.5	73.7	78.6	78.9	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	47.7	63.5	73.7	78.6	78.9	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	47.9	64.1	74.2	79.9	80.2	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	48.0	65.9	76.6	82.3	82.6	84.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	51.6	69.5	80.5	86.2	86.5	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	53.4	71.6	83.1	89.3	89.8	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	55.5	74.7	86.5	93.0	93.5	95.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	55.5	74.7	86.5	93.0	93.5	95.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1600	55.7	75.0	87.0	93.5	94.0	96.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	55.7	75.0	87.2	93.8	94.3	96.6	98.2	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 1000	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 900	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 800	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 700	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 600	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746550 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C	
NO CEIL	1		27.9	45.9	49.2	52.5	52.5	54.1	54.1	54.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
GE 20000			32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 18000			32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 16000			32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 14000			34.4	55.7	65.6	72.1	72.1	73.8	73.8	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 12000			36.1	57.4	68.9	75.4	75.4	77.0	77.0	77.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 10000			39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 9000			39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 8000			39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 7000			42.6	65.6	78.7	86.9	86.9	88.5	88.5	88.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 6000			44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 5000			44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 4500			44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 4000			44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 3500			44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 3000			44.3	67.2	82.0	90.2	90.2	93.4	93.4	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 2500			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 2000			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1800			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1600			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1400			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1200			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1000			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 900			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 800			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 700			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 600			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 500			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 400			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 300			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 200			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 100			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 0			45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	

TOTAL NUMBER OF OBSERVATIONS: 61

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS/LSST: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		25.4	38.0	44.0	47.5	47.9	50.1	50.8	50.8	51.6	51.7	51.7	52.2	52.3	53.2	53.6
GE 20000		34.7	45.5	53.2	57.6	58.1	60.7	61.6	61.6	62.4	62.6	62.6	63.2	63.3	64.4	64.8
GE 18000		35.1	46.3	54.0	58.5	59.0	61.5	62.4	62.4	63.3	63.4	63.4	64.0	64.2	65.2	65.6
GE 16000		35.1	46.3	54.0	58.5	59.0	61.5	62.4	62.4	63.3	63.4	63.4	64.0	64.2	65.2	65.6
GE 14000		35.6	46.8	54.6	59.0	59.5	62.1	63.0	63.0	63.8	64.0	64.0	64.6	64.8	65.8	66.2
GE 12000		37.4	49.2	57.3	61.8	62.3	65.1	66.0	66.0	66.9	67.0	67.0	67.6	67.8	68.8	69.2
GE 10000		40.5	53.0	61.2	66.2	66.7	69.5	70.5	70.5	71.3	71.6	71.6	72.2	72.4	73.4	73.9
GE 9000		40.6	53.2	61.4	66.4	66.9	69.7	70.7	70.7	71.6	71.8	71.8	72.4	72.6	73.6	74.1
GE 8000		42.7	55.8	64.3	69.8	70.3	73.3	74.3	74.3	75.2	75.5	75.5	76.1	76.3	77.3	77.7
GE 7000		43.1	56.4	64.9	70.5	71.0	73.9	75.1	75.1	76.0	76.2	76.2	76.9	77.1	78.1	78.5
GE 6000		44.2	57.4	66.0	71.6	72.2	75.1	76.3	76.3	77.1	77.4	77.4	78.1	78.3	79.3	79.8
GE 5000		44.7	58.0	66.6	72.2	72.8	75.7	76.9	76.9	77.8	78.1	78.1	78.7	78.9	79.9	80.4
GE 4500		44.9	58.2	66.8	72.4	73.0	76.0	77.1	77.1	78.0	78.3	78.3	79.0	79.2	80.2	80.6
GE 4000		45.1	58.5	67.1	72.9	73.4	76.4	77.6	77.6	78.4	78.7	78.7	79.4	79.6	80.6	81.0
GE 3500		45.8	59.6	68.4	74.3	74.8	77.8	79.0	79.0	79.8	80.1	80.1	80.8	81.0	82.0	82.4
GE 3000		47.6	61.8	70.7	76.8	77.3	80.5	81.7	81.7	82.7	83.0	83.0	83.6	83.8	84.8	85.3
GE 2500		49.9	64.9	74.2	80.5	81.1	84.4	85.7	85.9	87.0	87.3	87.3	88.0	88.2	89.2	89.7
GE 2000		52.3	68.0	77.6	84.4	85.1	88.7	90.3	90.4	91.8	92.1	92.1	92.8	93.0	94.0	94.5
GE 1800		52.4	68.1	77.7	84.6	85.3	88.8	90.4	90.6	92.0	92.3	92.3	93.0	93.1	94.2	94.7
GE 1600		53.6	69.4	79.3	86.4	87.2	90.9	92.5	92.6	94.0	94.3	94.3	95.0	95.2	96.3	96.8
GE 1400		53.8	69.8	79.9	87.0	87.9	91.7	93.4	93.6	94.9	95.2	95.2	95.9	96.1	97.2	97.7
GE 1000		54.0	70.0	80.2	87.5	88.4	92.3	94.1	94.2	95.8	96.1	96.1	96.8	97.0	98.1	98.6
GE 900		54.0	70.0	80.2	87.5	88.4	92.3	94.1	94.3	95.8	96.2	96.2	96.9	97.1	98.1	98.6
GE 800		54.1	70.1	80.5	87.9	88.9	92.9	94.7	94.9	96.5	96.9	96.8	97.5	97.7	98.8	99.3
GE 700		54.1	70.2	80.6	88.0	89.0	93.1	94.9	95.1	96.7	97.0	97.0	97.9	97.9	99.0	99.5
GE 600		54.2	70.2	80.7	88.2	89.2	93.2	95.1	95.2	96.8	97.2	97.2	97.9	98.1	99.2	99.7
GE 500		54.2	70.2	80.7	88.3	89.4	93.4	95.2	95.4	97.0	97.3	97.3	98.2	98.4	99.4	99.9
GE 400		54.2	70.2	80.7	88.3	89.4	93.4	95.2	95.4	97.0	97.3	97.3	98.2	98.4	99.4	99.9
GE 300		54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.2	98.4	99.5	100.0
GE 200		54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0
GE 100		54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0
GE 0		54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		27.1	34.7	39.3	45.7	46.3	51.1	53.3	53.3	55.5	56.5	56.5	59.1	59.1	62.1	65.3
GE 20000		30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5
GE 18000		30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5
GE 16000		30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5
GE 14000		30.7	38.5	43.3	50.5	51.1	55.9	58.3	58.3	61.1	62.1	62.1	64.9	65.1	68.3	72.1
GE 12000		31.3	39.1	44.1	51.7	52.3	57.3	59.7	59.7	62.7	63.7	63.7	66.7	66.9	70.5	74.3
GE 10000		32.3	40.9	45.9	54.1	54.7	59.7	62.1	62.1	65.1	66.1	66.1	69.1	69.3	73.1	77.0
GE 9200		32.7	41.3	46.3	54.7	55.3	60.3	62.7	62.7	65.7	66.7	66.7	69.7	69.9	73.7	77.6
GE 8000		35.1	44.3	49.9	58.7	59.3	64.5	66.9	66.9	69.9	71.1	71.1	74.3	74.5	78.2	82.2
GE 7000		35.3	44.5	50.3	59.1	59.7	64.9	67.3	67.3	70.3	71.5	71.5	74.7	74.9	78.8	82.8
GE 6000		35.9	45.5	51.3	60.1	60.7	66.1	68.5	68.5	71.7	72.9	72.9	76.0	76.2	80.2	84.2
GE 5000		36.5	46.1	51.9	60.9	61.5	66.9	69.3	69.3	72.5	73.7	73.7	76.8	77.0	81.0	85.0
GE 4500		37.3	47.1	52.9	61.9	62.5	67.9	70.3	70.3	73.5	74.7	74.7	77.8	78.0	82.0	86.0
GE 4000		38.5	48.7	54.5	63.7	64.3	69.7	72.1	72.1	75.2	76.4	76.4	79.6	79.8	83.8	87.8
GE 3500		39.5	49.7	54.5	63.7	64.3	69.7	72.1	72.1	75.2	76.4	76.4	79.6	79.8	83.8	87.8
GE 3000		38.7	48.9	54.7	64.5	65.3	70.7	73.1	73.1	76.2	77.4	77.4	80.6	80.8	84.8	88.8
GE 2500		39.9	50.1	55.9	65.7	66.5	71.9	74.3	74.3	77.4	78.6	78.6	81.8	82.0	86.0	90.0
GE 2000		40.5	50.9	56.9	66.7	67.5	73.1	75.4	75.4	78.8	80.0	80.0	83.4	83.6	87.6	91.6
GE 1800		40.5	50.9	56.9	66.7	67.5	73.3	75.6	75.6	79.0	80.2	80.2	83.6	83.8	87.8	91.8
GE 1600		40.5	50.9	57.1	66.9	67.7	74.3	76.6	76.6	80.2	81.4	81.4	85.0	85.2	89.2	93.2
GE 1400		41.3	51.7	57.9	67.7	68.5	75.2	77.6	77.6	81.2	82.4	82.4	86.2	86.4	90.4	94.4
GE 1000		41.7	52.3	58.7	69.5	70.3	77.0	79.4	79.4	83.4	84.6	84.6	88.4	88.6	92.6	96.6
GE 900		41.9	52.5	59.3	70.1	70.9	77.6	80.0	80.0	84.0	85.2	85.2	89.0	89.2	93.2	97.2
GE 800		41.9	52.5	59.3	70.1	70.9	77.6	80.0	80.0	84.0	85.2	85.2	89.0	89.2	93.2	97.2
GE 700		41.9	52.5	59.5	70.3	71.1	77.8	80.2	80.2	84.2	85.4	85.4	89.2	89.4	93.4	97.4
GE 600		41.9	52.5	59.5	70.3	71.1	77.8	80.2	80.2	84.2	85.4	85.4	89.2	89.4	93.4	97.4
GE 500		42.3	52.9	60.3	71.5	72.3	79.2	81.8	81.8	85.8	87.0	87.0	90.8	91.0	95.0	99.0
GE 400		42.3	52.9	60.3	71.5	72.3	79.2	81.8	81.8	85.8	87.0	87.0	90.8	91.0	95.0	99.0
GE 300		42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.4
GE 200		42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.6
GE 100		42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.6
GE 0		42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(1ST): 0900-1100

CEILING IN FEET	I	VISIBILITY IN STATUTE MILES																
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	I		45.3	53.5	56.8	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	.2	51.7	60.9	64.6	67.8	67.8	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	.2	52.6	61.9	65.7	68.8	68.8	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	.2	53.5	63.9	67.8	71.2	71.2	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	.2	53.8	64.2	68.1	71.5	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	.2	59.3	70.1	74.7	78.1	78.1	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	.2	60.2	71.0	75.6	78.9	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000	.2	60.9	71.7	76.3	79.6	79.6	79.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	.2	61.1	71.9	76.5	79.8	79.8	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	.2	61.6	72.4	77.0	80.4	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	.2	61.8	73.1	77.9	81.2	81.2	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	.2	62.1	73.5	78.2	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	.2	63.4	74.7	80.2	83.5	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	.2	67.4	78.9	84.6	88.0	88.0	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	.2	70.3	81.9	87.6	91.2	91.2	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1900	.2	70.8	82.7	88.3	91.9	91.9	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	.2	71.9	84.2	90.3	94.2	94.2	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1700	.2	72.0	84.4	90.4	94.3	94.3	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1600	.2	72.4	85.3	91.3	95.6	95.6	96.8	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	.2	72.6	85.5	91.5	95.8	95.8	97.0	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1400	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1300	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1100	.2	72.6	85.5	91.7	96.5	96.5	98.1	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL		41.6	49.5	52.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000		51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000		51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000		51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000		51.7	58.3	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000		54.2	61.1	65.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000		56.9	64.8	68.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000		56.9	64.8	68.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000		61.3	69.1	73.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000		61.8	70.1	74.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000		62.2	70.5	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000		62.2	70.5	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500		62.6	71.0	75.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000		63.4	72.4	76.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500		64.6	74.2	78.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000		66.9	76.9	82.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500		72.3	83.2	88.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000		75.5	87.1	92.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800		76.1	87.5	93.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500		76.9	88.5	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200		76.9	88.8	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000		77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900		77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800		77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700		77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600		77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500		77.7	89.6	95.7	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		77.7	89.6	95.7	98.6	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		77.7	89.6	95.7	98.6	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		77.7	89.6	95.7	98.6	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		77.7	89.6	95.7	98.6	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		77.7	89.6	95.7	98.6	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NL

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3		
NO CEIL	1		42.2	48.0	53.6	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1		
GE 20000			53.1	67.7	67.6	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4		
GE 18000			53.1	60.7	67.6	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4		
GE 16000			53.1	60.7	67.6	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4		
GE 14000			51.8	62.2	69.1	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8		
GE 12000			54.9	63.6	71.3	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4		
GE 10000			56.0	64.7	72.4	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5		
GE 9000			56.4	65.1	72.7	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8		
GE 8000			61.1	69.8	77.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9		
GE 7000			62.9	71.6	79.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7		
GE 6000			62.9	71.6	79.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7		
GE 5000			62.9	72.0	79.6	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1		
GE 4500			63.3	72.4	80.0	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5		
GE 4000			64.4	74.2	82.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6		
GE 3500			65.5	75.3	83.3	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1		
GE 3000			67.6	77.5	85.5	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3		
GE 2500			68.7	79.3	87.3	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5		
GE 2000			70.5	81.5	89.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
GE 1800			70.5	81.5	89.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
GE 1500			70.5	81.5	91.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2		
GE 1200			70.5	81.5	91.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9		
GE 1000			70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 900			70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 800			70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 700			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 600			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 500			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 400			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 50			70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79,81-85,87
MONTH: SEP HOURS(LST): 1800-2000

CEILING				VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G		
NO CEIL	1		96.7	96.7	50.0	60.0	63.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7		
GE 20000			60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
GE 18000			60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
GE 16000			60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
GE 14000			60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
GE 12000			60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 10000			60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 9000			60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 8000			60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 7000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 6000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 5000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 4000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 3000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 2500			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 2000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 1800			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 1600			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 1400			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 1200			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 1000			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 900			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 800			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 700			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 600			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 500			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 400			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 0			63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 50

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: SEP HOUR(S) (LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CLIL	1		75.6	46.5	50.5	54.0	54.2	55.6	56.3	56.3	56.9	57.1	57.1	57.3	57.8	58.6	59.5	
GE 20000	1	.1	45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 18000	1	.1	45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 16000	1	.1	45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 14000	1	.1	46.5	54.5	59.0	63.2	63.4	64.8	65.5	65.5	66.3	66.6	66.6	67.3	67.4	68.2	69.2	
GE 12000	1	.1	47.8	56.0	60.7	65.0	65.2	66.7	67.4	67.4	68.3	68.5	68.5	69.3	69.4	70.4	71.4	
GE 10000	1	.1	49.3	58.2	63.0	67.5	67.7	69.2	69.9	69.9	70.8	71.0	71.0	71.8	71.9	72.9	74.0	
GE 9000	1	.1	49.5	58.5	63.3	67.9	68.1	69.6	70.2	70.2	71.1	71.4	71.4	72.2	72.2	73.2	74.3	
GE 8000	1	.1	51.7	62.9	68.1	72.9	73.1	74.7	75.3	75.3	76.2	76.5	76.5	77.4	77.4	78.4	79.5	
GE 7000	1	.1	54.5	63.6	69.1	73.9	74.1	75.6	76.3	76.3	77.2	77.5	77.5	78.3	78.4	79.4	80.5	
GE 6000	1	.1	54.9	64.4	69.7	74.4	74.7	76.2	76.9	76.9	77.6	77.6	77.6	78.2	79.1	80.1	81.2	
GE 5000	1	.1	55.2	64.7	69.9	74.8	75.0	76.6	77.3	77.3	78.2	78.5	78.5	79.3	79.4	80.4	81.5	
GE 4000	1	.1	55.7	65.3	70.6	75.4	75.6	77.2	77.9	77.9	78.8	79.1	79.1	80.0	80.0	81.1	82.1	
GE 3000	1	.1	56.4	66.6	72.1	76.9	77.2	78.7	79.4	79.4	80.3	80.7	80.7	81.5	81.6	82.6	83.7	
GE 2000	1	.1	57.1	67.3	72.8	77.7	77.9	79.5	80.2	80.2	81.1	81.5	81.5	82.3	82.4	83.4	84.5	
GE 1000	1	.1	58.4	68.8	74.7	79.8	80.0	81.6	82.3	82.3	83.2	83.5	83.5	84.4	84.4	85.5	86.6	
GE 2000	1	.1	61.7	72.4	78.4	83.6	83.9	85.5	86.2	86.2	87.1	87.4	87.4	88.3	88.3	89.4	90.4	
GE 2000	1	.1	63.8	74.9	81.0	86.3	86.6	88.3	89.0	89.0	90.0	90.3	90.3	91.2	91.3	92.3	93.4	
GE 1800	1	.1	64.0	75.2	81.3	86.6	86.9	88.7	89.4	89.4	90.4	90.7	90.7	91.6	91.7	92.7	93.8	
GE 1600	1	.1	64.6	75.9	82.5	87.9	88.2	90.5	91.2	91.2	92.3	92.6	92.6	93.6	93.6	94.7	95.7	
GE 1400	1	.1	64.6	76.3	82.9	88.6	88.8	91.1	92.0	92.0	93.0	93.4	93.4	94.4	94.4	95.5	96.5	
GE 1200	1	.1	65.2	76.9	83.6	89.8	90.1	92.6	93.3	93.3	94.6	94.9	94.9	95.9	96.0	97.0	98.1	
GE 1000	1	.1	65.4	77.0	83.8	90.0	90.3	92.8	93.5	93.5	94.8	95.1	95.1	96.1	96.2	97.2	98.3	
GE 800	1	.1	65.4	77.0	83.8	90.1	90.4	92.9	93.7	93.7	95.0	95.3	95.3	96.3	96.3	97.4	98.5	
GE 700	1	.1	65.4	77.0	83.8	90.2	90.5	93.0	93.8	93.8	95.1	95.4	95.4	96.4	96.4	97.5	98.6	
GE 600	1	.1	65.4	77.0	83.8	90.2	90.5	93.0	93.8	93.8	95.1	95.4	95.4	96.4	96.4	97.5	98.6	
GE 500	1	.1	65.5	77.2	84.2	90.8	91.1	93.7	94.6	94.6	95.9	96.2	96.2	97.2	97.3	98.4	99.4	
GE 400	1	.1	65.5	77.2	84.2	90.8	91.1	93.8	95.0	95.0	96.2	96.5	96.5	97.6	97.6	98.7	99.7	
GE 300	1	.1	65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 200	1	.1	65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 100	1	.1	65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 0	1	.1	65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	30.1	33.1	37.9	38.1	40.3	42.1	42.1	43.7	45.3	45.7	47.3	47.3	50.3	57.5	
GE 20000	26.7	32.5	35.5	40.5	40.7	43.5	45.5	45.5	47.3	49.4	49.3	51.3	51.3	54.5	62.3	
GE 18000	26.9	32.7	35.9	40.9	41.1	43.9	45.9	45.9	47.7	49.3	49.7	51.7	51.7	54.9	62.7	
GE 16000	26.9	32.7	35.9	40.9	41.1	43.9	45.9	45.9	47.7	49.3	49.7	51.7	51.7	54.9	62.7	
GE 14000	27.3	33.1	36.3	41.3	41.5	44.3	46.3	46.3	48.1	49.7	50.1	52.1	52.1	55.3	63.1	
GE 12000	28.3	34.1	37.3	42.3	42.5	45.3	47.3	47.3	49.1	50.7	51.1	53.3	53.3	56.5	64.5	
GE 10000	30.3	36.3	39.5	44.7	44.9	48.5	50.5	50.5	52.5	54.1	54.5	56.7	56.7	59.9	68.5	
GE 9000	30.5	36.5	39.7	44.9	45.1	48.9	50.9	50.9	52.9	54.7	55.1	57.3	57.3	60.5	69.1	
GE 8000	31.3	40.7	44.5	50.3	50.5	54.5	56.7	56.7	58.7	60.5	60.9	63.1	63.1	66.3	74.9	
GE 7000	33.5	41.1	44.9	50.9	51.1	55.1	57.3	57.3	59.5	61.3	61.7	63.9	63.9	67.1	75.6	
GE 6000	32.9	41.5	45.5	51.5	51.7	55.7	57.9	57.9	60.1	61.9	62.3	64.5	64.5	67.7	76.4	
GE 5000	34.7	42.3	46.3	52.3	52.5	56.5	58.7	58.7	60.9	62.7	63.1	65.5	65.5	68.7	77.4	
GE 4500	35.1	42.7	46.7	52.7	52.9	56.9	59.1	59.1	61.3	63.1	63.5	65.9	65.9	69.1	77.8	
GE 4000	35.9	43.7	47.9	54.1	54.3	58.3	60.5	60.5	62.7	64.5	64.9	67.3	67.3	70.5	79.2	
GE 3500	36.3	44.1	48.3	54.5	54.7	58.7	60.9	60.9	63.1	64.9	65.3	67.7	67.7	70.9	79.6	
GE 3000	36.7	45.3	49.5	55.9	56.1	60.1	62.3	62.3	64.7	66.5	66.9	69.3	69.3	72.5	81.2	
GE 2500	37.5	46.7	51.1	57.7	57.9	61.9	64.1	64.1	66.5	68.3	68.7	71.1	71.1	74.3	83.0	
GE 2000	37.9	47.3	51.7	58.5	59.1	63.1	65.3	65.3	67.7	69.5	69.9	72.3	72.3	75.6	84.4	
GE 1800	38.5	47.9	52.3	59.3	59.9	63.9	66.1	66.1	68.5	70.3	70.7	73.1	73.1	76.4	85.2	
GE 1600	39.1	49.3	54.3	61.5	62.1	66.1	68.3	68.3	70.9	72.7	73.1	75.6	75.6	79.0	87.6	
GE 1400	39.6	50.1	55.1	62.3	62.9	66.9	69.1	69.1	71.7	73.5	73.9	76.6	76.6	80.0	88.8	
GE 1200	40.5	51.3	56.3	63.5	64.3	68.5	71.7	71.7	74.3	76.2	76.6	79.2	79.2	82.6	91.4	
GE 1000	40.9	51.7	56.7	63.9	64.7	68.9	72.1	72.1	74.7	76.6	77.0	79.6	79.6	83.0	91.8	
GE 900	40.9	51.7	56.7	63.9	64.7	68.9	72.1	72.1	74.7	76.6	77.0	79.6	79.6	83.0	91.8	
GE 800	41.3	52.1	57.1	64.5	65.3	70.5	72.7	72.7	75.4	77.2	77.6	80.2	80.2	83.6	92.4	
GE 700	41.3	52.1	57.1	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	
GE 600	41.7	52.5	58.3	66.9	67.7	73.3	76.0	76.0	78.8	80.6	81.0	83.6	83.6	87.0	96.0	
GE 500	41.7	52.5	58.3	67.1	67.9	73.9	76.6	76.6	79.4	81.2	81.6	84.2	84.2	87.6	96.6	
GE 400	41.7	52.9	58.3	67.1	68.1	74.3	77.2	77.2	80.0	81.8	82.2	84.8	84.8	88.4	97.4	
GE 300	41.7	52.9	58.3	67.1	68.1	74.3	77.2	77.2	80.0	81.8	82.2	84.8	84.8	88.4	97.8	
GE 200	41.7	52.9	58.3	67.1	68.3	74.5	77.4	77.4	80.2	82.0	82.4	85.0	85.0	88.6	99.6	
GE 100	41.7	52.9	58.3	67.1	68.3	74.5	77.4	77.4	80.2	82.0	82.4	85.0	85.0	88.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			46.3	54.6	56.5	56.8	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000			52.8	59.9	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000			53.0	60.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000			53.0	60.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 14000			53.3	60.5	62.8	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000			55.2	62.8	65.5	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000			58.8	66.7	69.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000			59.1	67.1	70.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 8000			61.7	70.5	73.8	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000			62.8	72.5	75.7	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000			63.3	73.6	76.8	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000			64.1	74.4	77.6	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500			64.4	74.7	77.9	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000			64.7	75.4	78.7	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3500			65.5	76.2	79.5	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000			67.5	78.4	82.3	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500			68.6	80.4	83.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000			69.9	81.6	85.2	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800			70.9	82.6	86.2	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500			71.8	83.9	87.9	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000			72.3	84.7	89.0	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000			73.3	85.7	90.7	93.6	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900			73.3	85.7	90.7	93.6	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800			73.8	86.2	91.1	94.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700			74.4	86.8	91.8	94.7	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600			74.7	87.1	92.3	95.3	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500			74.7	87.3	92.9	96.0	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400			74.7	87.3	92.9	96.0	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300			74.7	87.3	92.9	96.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200			74.7	87.3	92.9	96.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100			74.7	87.3	92.9	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 0			74.7	87.3	92.9	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT

FOURTH LAST: 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	48.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000		56.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000		56.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000		56.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000		57.0	62.3	62.3	62.3	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000		59.7	65.2	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000		65.2	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000		65.9	71.7	72.0	72.2	72.2	72.2	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000		67.4	73.2	73.5	73.7	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000		68.6	74.6	74.9	75.1	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000		68.8	75.1	75.4	75.6	75.6	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000		69.5	76.1	76.8	77.0	77.0	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500		69.6	76.3	77.0	77.1	77.1	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000		69.8	76.5	77.3	77.5	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500		71.2	77.8	78.7	78.8	78.8	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000		74.6	81.6	82.4	82.6	82.6	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500		75.8	82.9	84.0	85.0	85.3	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000		78.0	85.2	86.2	87.4	87.7	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800		78.2	85.3	86.3	87.5	87.9	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1600		80.0	87.5	89.4	91.3	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5
GE 1400		81.1	88.6	90.4	92.3	92.7	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 1200		82.3	89.8	92.3	94.2	94.5	95.1	95.1	95.1	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9
GE 1000		82.3	89.8	92.3	94.4	94.7	95.2	95.2	95.2	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1
GE 900		82.6	90.3	93.2	95.4	95.7	96.2	96.2	96.2	96.9	96.9	96.9	97.6	97.6	97.6	97.6	97.6
GE 800		82.6	90.3	93.2	95.4	95.7	96.6	96.6	96.6	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
GE 700		82.6	90.3	93.5	95.9	96.2	97.3	97.3	97.3	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6
GE 600		82.8	90.4	93.9	96.4	96.8	98.0	98.1	98.1	98.8	98.8	98.8	99.5	99.5	99.5	99.5	99.5
GE 500		82.8	90.4	93.9	96.4	96.8	98.0	98.1	98.1	98.8	98.8	98.8	99.5	99.5	99.5	99.5	99.5
GE 400		82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 300		82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 200		82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 100		82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 0		82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		49.8	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000		55.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000		60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000		60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000		60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000		62.4	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000		66.7	76.3	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000		69.4	77.0	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000		70.7	78.3	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000		71.4	79.0	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000		72.1	79.7	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000		72.1	80.4	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500		72.4	80.6	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000		73.0	81.6	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500		73.7	82.3	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000		76.3	85.3	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500		77.6	86.4	88.7	88.9	88.9	89.2	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000		79.0	88.2	90.3	90.8	90.8	91.0	91.7	91.7	91.7	91.9	92.2	92.2	92.2	92.2	92.2
GE 1800		79.0	88.2	90.3	90.8	90.8	91.0	91.7	91.7	91.7	91.9	92.2	92.2	92.2	92.2	92.2
GE 1600		81.3	90.6	92.6	93.5	93.8	94.5	94.5	94.5	94.5	94.9	95.2	95.2	95.2	95.2	95.2
GE 1400		82.0	91.2	93.3	94.2	94.5	95.2	95.2	95.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9
GE 1200		82.7	91.9	94.2	95.2	95.4	96.5	96.5	96.5	96.5	97.0	97.2	97.2	97.2	97.2	97.2
GE 1000		82.9	92.2	94.5	95.4	95.6	96.8	96.8	96.8	96.8	97.2	97.5	97.5	97.5	97.5	97.5
GE 900		83.2	92.4	94.9	95.9	96.1	97.5	97.5	97.5	97.5	98.4	98.6	98.6	99.1	99.1	99.1
GE 800		83.2	92.4	94.9	95.9	96.1	97.5	97.5	97.5	97.5	98.4	98.6	98.6	99.1	99.1	99.1
GE 700		83.2	92.4	94.9	95.9	96.1	97.5	97.5	97.5	97.5	98.4	98.6	98.6	99.1	99.1	99.1
GE 600		83.2	92.4	94.9	95.9	96.1	97.5	97.5	97.5	97.5	98.4	98.6	98.6	99.1	99.1	99.1
GE 500		83.2	92.4	94.9	96.1	96.3	97.7	98.2	98.2	98.2	99.1	99.3	99.3	99.8	99.8	99.8
GE 400		83.2	92.4	94.9	96.1	96.3	97.7	98.2	98.2	98.2	99.1	99.3	99.3	99.8	99.8	99.8
GE 300		83.2	92.6	95.2	96.3	96.5	97.9	98.4	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0
GE 200		93.2	92.6	95.2	96.3	96.5	97.9	98.4	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0
GE 100		93.2	92.6	95.2	96.3	96.5	97.9	98.4	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0
GE 0		83.2	92.6	95.2	96.3	96.5	97.9	98.4	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	1.5	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	2.9	66.2	75.0	75.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 18000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	4.4	69.1	80.9	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	4.4	69.1	80.9	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	4.4	70.6	82.4	82.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	4.4	73.5	85.3	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	4.4	73.5	85.3	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	4.4	73.5	86.8	86.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	4.4	77.9	91.2	92.6	95.6	95.6	97.1	97.1	97.1	97.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	4.4	77.9	91.2	92.6	95.6	95.6	97.1	97.1	97.1	97.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS/IST: ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	.0	43.6	49.3	50.6	51.8	51.9	52.4	52.8	52.8	53.1	53.5	53.6	53.9	53.9	54.6	56.3
GE 20000	1	.1	49.6	56.0	57.4	58.7	58.8	59.4	59.9	59.9	60.3	60.6	60.7	61.2	61.2	61.9	63.7
GE 18000	1	.1	50.1	56.7	58.1	59.5	59.5	60.2	60.6	60.6	61.1	61.5	61.5	62.0	62.0	62.7	64.5
GE 16000	1	.1	50.1	56.7	58.1	59.5	59.5	60.2	60.6	60.6	61.1	61.5	61.5	62.0	62.0	62.7	64.5
GE 14000	1	.1	50.4	56.9	58.4	59.7	59.8	60.6	61.0	61.0	61.5	61.9	61.9	62.4	62.4	63.1	64.9
GE 12000	1	.1	52.2	58.9	60.5	61.9	62.0	62.7	63.2	63.2	63.6	64.0	64.1	64.6	64.6	65.3	67.1
GE 10000	1	.1	56.3	63.3	65.0	66.7	66.8	67.7	68.2	68.2	68.7	69.0	69.1	69.6	69.6	70.3	72.3
GE 9000	1	.1	56.7	63.8	65.6	67.2	67.3	68.3	68.8	68.8	69.2	69.7	69.7	70.2	70.2	71.0	72.9
GE 8000	1	.1	58.8	66.4	68.4	70.2	70.2	71.3	71.8	71.8	72.3	72.7	72.8	73.3	73.3	74.0	76.0
GE 7000	1	.1	59.7	67.6	69.6	71.4	71.5	72.6	73.1	73.1	73.6	74.0	74.1	74.6	74.6	75.4	77.3
GE 6000	1	.1	60.1	68.3	70.3	72.1	72.2	73.3	73.8	73.8	74.4	74.8	74.9	75.4	75.4	76.1	78.0
GE 5000	1	.1	60.7	69.1	71.2	73.1	73.2	74.3	74.8	74.8	75.3	75.7	75.8	76.4	76.4	77.1	79.0
GE 4500	1	.1	61.0	69.3	71.5	73.4	73.5	74.5	75.0	75.0	75.6	76.0	76.1	76.6	76.6	77.4	79.3
GE 4000	1	.1	61.4	70.0	72.3	74.2	74.3	75.4	75.9	75.9	76.4	76.9	76.9	77.5	77.5	78.2	80.2
GE 3500	1	.1	62.3	70.8	73.1	75.1	75.2	76.3	76.8	76.8	77.3	77.7	77.8	78.4	78.4	79.1	81.0
GE 3000	1	.1	64.3	73.3	75.7	77.7	77.9	79.0	79.5	79.5	80.1	80.5	80.6	81.2	81.2	81.9	83.8
GE 2500	1	.1	65.4	74.9	77.5	80.0	80.2	81.4	81.9	81.9	82.6	83.0	83.1	83.6	83.6	84.3	86.3
GE 2000	1	.1	66.8	76.4	79.1	81.8	82.1	83.4	83.9	83.9	84.5	85.0	85.1	85.6	85.6	86.3	88.3
GE 1800	1	.1	67.3	76.8	79.5	82.3	82.6	83.9	84.4	84.4	85.0	85.5	85.6	86.1	86.1	86.8	88.8
GE 1500	1	.1	68.6	78.5	81.7	84.8	85.1	86.4	86.9	86.9	87.7	88.1	88.2	88.8	88.8	89.6	91.6
GE 1200	1	.1	69.3	79.3	82.7	85.7	86.1	87.3	87.8	87.8	88.6	89.0	89.1	89.8	89.8	90.5	92.5
GE 1000	1	.1	70.2	80.4	84.1	87.3	87.7	89.4	89.9	89.9	90.9	91.4	91.5	92.1	92.1	92.9	94.9
GE 900	1	.1	70.4	80.5	84.2	87.5	87.9	89.6	90.1	90.1	91.2	91.6	91.7	92.3	92.3	93.1	95.1
GE 800	1	.1	70.7	80.8	84.7	88.0	88.5	90.3	90.8	90.8	92.0	92.4	92.5	93.4	93.4	94.2	96.2
GE 700	1	.1	70.9	81.1	85.0	88.3	88.8	90.7	91.2	91.2	92.4	92.8	92.9	94.0	94.0	94.7	96.7
GE 600	1	.1	71.0	81.2	85.2	88.8	89.3	91.2	91.7	91.7	92.9	93.3	93.4	94.5	94.5	95.2	97.2
GE 500	1	.1	71.2	81.5	85.7	89.5	90.0	92.1	92.8	92.8	94.1	94.5	94.6	95.7	95.7	96.4	98.5
GE 400	1	.1	71.2	81.5	85.7	89.6	90.1	92.3	93.1	93.1	94.3	94.7	94.8	95.9	95.9	96.6	98.7
GE 300	1	.1	71.2	81.6	85.8	89.8	90.5	92.8	93.5	93.5	94.7	95.2	95.3	96.3	96.3	97.1	99.2
GE 200	1	.1	71.2	81.6	85.8	89.8	90.5	92.8	93.5	93.5	94.7	95.2	95.3	96.3	96.4	97.2	99.4
GE 100	1	.1	71.2	81.6	85.8	89.8	90.6	92.8	93.6	93.6	94.8	95.3	95.4	96.4	96.5	97.3	99.9
GE 0	1	.1	71.2	81.6	85.8	89.8	90.6	92.8	93.6	93.6	94.8	95.3	95.4	96.4	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 2208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL			27.3	32.5	35.2	38.2	38.7	41.6	43.3	43.8	44.6	45.3	45.3	47.5	47.5	50.0	51.7
GE 20000			27.8	33.7	36.5	39.4	39.9	42.9	44.6	45.1	45.8	46.6	46.6	49.3	49.3	51.7	53.4
GE 18000			27.8	34.2	37.2	40.6	41.1	44.1	45.8	46.3	47.0	47.8	47.8	50.5	50.5	53.0	54.7
GE 16000			27.8	34.2	37.4	40.9	41.4	44.3	46.1	46.6	47.3	48.0	48.0	50.7	50.7	53.2	54.9
GE 14000			27.6	34.5	37.7	41.1	41.6	44.6	46.3	46.8	47.5	48.3	48.3	51.0	51.0	53.4	55.2
GE 12000			25.6	36.2	39.4	42.9	43.3	46.3	48.0	48.5	49.3	50.2	50.2	53.0	53.0	55.4	57.1
GE 10000			31.0	39.4	41.6	45.6	46.1	49.5	51.2	51.7	52.5	53.7	53.7	56.9	56.9	59.9	61.5
GE 9000			31.0	39.4	41.6	45.6	46.1	49.5	51.2	51.7	52.5	53.7	53.7	56.9	56.9	59.9	61.5
GE 8000			33.5	40.9	44.8	49.5	50.2	54.2	56.2	56.7	57.4	58.6	58.6	61.8	62.3	64.8	66.7
GE 7000			34.7	42.1	46.1	50.7	51.5	55.4	57.6	58.1	58.9	60.1	60.1	63.3	63.6	66.3	68.2
GE 6000			35.2	42.9	46.8	51.7	52.5	56.4	58.6	59.1	59.9	61.1	61.1	64.3	64.8	67.2	69.2
GE 5000			36.9	44.6	48.5	53.4	54.2	58.1	60.3	60.8	61.6	62.8	62.8	66.0	66.5	69.0	70.9
GE 4000			36.9	44.6	48.5	53.4	54.2	58.1	60.3	60.8	61.6	62.8	62.8	66.0	66.5	69.0	70.9
GE 3000			40.6	48.5	52.7	57.9	58.6	62.6	64.8	65.3	66.0	67.2	67.2	70.4	70.9	73.4	75.4
GE 2000			41.6	49.5	53.7	58.9	59.6	64.0	66.3	66.7	67.5	68.7	68.7	71.9	72.4	74.9	76.8
GE 1000			43.1	51.5	55.9	61.3	62.1	67.0	69.2	69.7	70.4	71.9	71.9	75.1	75.6	78.1	80.5
GE 2500			45.3	53.7	58.1	63.5	64.3	69.2	71.4	71.9	72.7	74.1	74.1	77.3	77.8	80.3	82.8
GE 2000			46.1	54.4	58.9	64.3	65.0	70.4	72.7	73.2	74.4	75.9	75.9	79.1	80.0	82.5	85.0
GE 1800			46.1	54.4	58.9	64.3	65.3	70.7	72.9	73.4	74.6	76.1	76.1	79.3	80.3	82.8	85.2
GE 1600			46.3	55.4	59.9	65.8	66.5	72.2	74.4	74.9	76.1	77.6	77.6	81.0	82.0	84.5	86.9
GE 1400			47.0	56.2	60.6	66.7	67.5	73.2	75.4	75.9	77.1	78.6	78.6	82.3	83.3	85.7	88.2
GE 1200			47.3	56.7	61.3	67.0	67.7	74.9	77.3	77.8	79.8	81.5	81.5	85.2	86.2	88.7	91.1
GE 1000			47.3	56.7	61.3	67.0	67.7	74.9	77.6	78.1	80.7	81.8	81.8	85.5	86.5	88.9	91.4
GE 800			47.5	57.1	62.3	69.0	69.7	75.9	78.6	79.1	81.8	83.5	83.5	87.2	88.2	90.6	93.1
GE 700			47.5	57.1	62.3	69.0	69.7	75.9	78.6	79.1	81.8	83.5	83.5	87.2	88.2	90.6	93.1
GE 600			47.5	57.1	62.3	69.0	69.7	75.9	78.8	79.3	82.0	83.7	83.7	87.4	88.4	90.9	93.3
GE 500			47.5	57.4	63.3	70.4	71.4	78.1	81.3	81.8	84.5	86.2	86.2	89.9	90.9	93.8	96.8
GE 400			47.5	57.4	63.3	70.4	71.4	78.6	81.8	82.3	85.0	86.7	86.7	90.4	91.4	94.3	97.3
GE 300			48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	98.5
GE 200			48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	98.8
GE 100			48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746952 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1		43.7	48.9	50.6	51.6	51.6	51.8	51.8	51.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000			47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000			47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000			47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000			47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000			50.4	56.3	58.2	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000			51.9	58.2	60.2	62.1	62.1	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000			52.1	58.4	60.4	62.3	62.3	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000			55.3	62.1	65.0	67.5	67.5	67.9	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000			56.5	63.3	66.2	68.7	68.7	69.0	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000			58.4	65.1	68.0	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000			59.1	66.0	69.2	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500			59.2	66.2	69.5	72.1	72.1	72.4	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000			62.1	69.2	72.6	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500			63.1	70.2	73.9	76.8	76.8	77.2	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000			64.6	72.1	75.8	78.7	78.7	79.0	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500			67.7	75.5	79.2	82.1	82.1	82.4	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000			69.4	77.8	81.6	84.9	84.9	85.6	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.5
GE 1800			69.7	78.2	81.9	85.3	85.3	86.0	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8
GE 1600			70.2	79.0	82.9	86.5	86.5	87.0	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.0	88.0	88.0
GE 1400			70.9	79.7	83.6	87.5	87.5	88.0	88.5	88.5	88.5	88.5	88.8	88.8	88.8	89.0	89.0	89.0
GE 1200			71.6	80.9	84.9	88.8	88.8	89.0	89.5	89.5	89.5	89.5	89.8	89.8	89.8	90.0	90.0	90.0
GE 1000			71.9	81.2	85.3	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.8	89.8	89.8	90.2	90.2	90.2
GE 900			71.9	81.4	85.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	90.2	90.2	90.2
GE 800			72.4	81.9	86.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6	91.0	91.0	91.0
GE 700			72.9	82.6	86.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.8	91.8	91.8
GE 600			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 500			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 400			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 300			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 200			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 100			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4
GE 0			73.1	82.9	87.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4

TOTAL NUMBER OF OBSERVATIONS: 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL		50.3	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	
GE 20000		55.7	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
GE 18000		56.2	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
GE 16000		56.4	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
GE 14000		57.2	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
GE 12000		62.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 10000		64.8	66.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GE 9000		64.9	66.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
GE 8000		68.2	70.6	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
GE 7000		69.2	71.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 6000		69.2	71.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 5000		70.4	72.9	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
GE 4500		70.6	73.0	74.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 4000		71.5	74.1	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 3500		72.2	75.1	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 3000		75.1	78.4	79.9	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 2500		77.5	80.9	82.5	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 2000		79.0	82.5	84.0	85.9	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
GE 1800		80.2	83.7	85.2	87.1	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 1500		80.9	85.1	86.6	89.0	89.2	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 1200		81.6	85.9	87.8	90.5	90.7	91.8	91.9	91.9	92.1	92.1	92.1	92.6	92.6	92.6	92.6	
GE 1000		92.6	86.9	88.8	91.8	91.9	93.0	93.5	93.5	93.6	93.6	93.6	94.2	94.2	94.2	94.2	
GE 900		83.0	87.3	89.2	92.1	92.3	93.3	93.8	93.8	94.0	94.0	94.0	94.5	94.5	94.5	94.5	
GE 800		83.3	87.6	89.5	92.4	92.6	93.6	94.2	94.2	94.5	94.5	94.5	95.0	95.0	95.2	95.2	
GE 700		83.7	88.0	89.9	92.8	93.0	94.0	94.5	94.5	94.8	94.8	94.8	95.4	95.4	95.5	95.5	
GE 600		84.0	88.3	90.4	93.3	93.5	94.8	95.4	95.4	95.9	95.9	95.9	96.4	96.4	96.6	96.6	
GE 500		84.2	88.5	90.5	93.6	93.8	95.4	96.0	96.0	96.6	96.6	96.6	97.1	97.1	97.3	97.3	
GE 400		84.2	88.5	90.5	93.6	93.8	95.4	96.0	96.0	96.6	96.6	96.6	97.1	97.1	97.3	97.3	
GE 300		84.2	88.5	90.7	94.2	94.5	96.9	97.6	97.6	98.1	98.1	98.1	98.8	98.8	99.0	99.0	
GE 200		84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	98.8	99.3	99.3	99.8	99.8	100.0	100.0	
GE 100		84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	98.8	99.3	99.3	99.8	99.8	100.0	100.0	
GE 0		84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	98.8	99.3	99.3	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 562

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		49.9	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000		59.6	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000		59.5	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000		59.5	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000		61.7	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000		65.8	68.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000		67.7	71.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000		66.2	72.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000		71.3	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000		72.3	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000		72.8	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000		74.0	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500		74.7	80.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000		75.4	81.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500		75.4	81.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000		77.3	84.1	86.3	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500		78.8	85.5	88.2	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000		79.3	86.0	88.7	89.2	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800		79.3	86.0	88.7	89.2	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500		81.2	88.4	91.1	92.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200		81.2	88.4	91.1	92.5	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000		81.4	89.7	91.6	93.0	93.3	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900		81.4	89.7	91.6	93.3	93.5	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800		81.4	89.7	91.6	93.5	93.7	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700		81.7	89.9	91.8	93.7	94.0	94.9	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600		81.7	89.9	91.8	94.2	94.5	95.4	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500		81.9	89.4	92.3	95.4	95.7	96.6	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400		81.9	89.4	92.3	95.4	95.7	96.6	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300		81.9	89.4	92.5	95.7	95.9	96.9	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200		81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 100		81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 0		81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
MONTH: NOV HOURS(EST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		57.5	62.5	62.5	62.5	62.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000		67.5	73.8	73.8	73.8	73.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000		70.0	76.3	76.3	76.3	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000		70.0	76.3	76.3	76.3	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000		71.3	77.5	77.5	77.5	77.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000		77.5	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 10000		77.5	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 9000		77.5	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000		78.8	85.0	85.0	85.0	85.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000		80.0	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000		80.0	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 5000		80.0	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000		80.0	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000		80.0	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500		81.3	87.5	87.5	87.5	87.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000		82.5	90.0	91.3	91.3	91.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800		82.5	90.0	91.3	91.3	91.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1600		82.5	90.0	91.3	91.3	91.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1400		83.8	91.3	92.5	92.5	92.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600		85.0	92.5	93.8	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 200		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0		86.3	93.8	95.0	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 80

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAFE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURLY(S): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL		44.1	47.4	48.6	49.5	49.6	50.3	50.6	53.7	50.9	51.0	51.0	51.4	51.4	51.9	52.3	
GE 20000		46.9	52.7	54.0	54.9	55.0	55.6	56.0	56.1	56.3	56.4	56.4	56.9	57.4	57.8		
GE 18000		49.4	53.3	54.6	55.5	55.6	56.3	56.7	56.8	56.9	57.1	57.1	57.6	57.6	58.1	58.4	
GE 16000		46.4	53.3	54.7	55.6	55.7	56.4	56.8	56.9	57.0	57.2	57.2	57.7	57.7	58.2	58.5	
GE 14000		50.1	54.1	55.4	56.4	56.5	57.2	57.6	57.7	57.8	58.0	58.0	58.5	58.5	59.0	59.3	
GE 12000		52.9	58.2	59.5	60.5	60.6	61.3	61.7	61.8	61.9	62.1	62.1	62.6	62.6	63.1	63.5	
GE 10000		55.6	60.2	61.9	63.3	63.4	64.2	64.6	64.7	64.8	65.1	65.1	65.7	65.8	66.3	66.7	
GE 9000		55.8	60.4	62.1	63.5	63.5	64.4	64.8	64.9	65.0	65.3	65.3	65.9	66.0	66.5	66.9	
GE 8000		58.8	64.0	66.2	68.0	68.2	69.1	69.5	69.6	69.8	70.1	70.1	70.7	70.8	71.3	71.6	
GE 7000		59.9	65.1	67.3	69.1	69.3	70.2	70.7	70.8	70.9	71.2	71.2	71.8	71.9	72.4	72.8	
GE 6000		60.6	66.0	68.1	70.1	70.2	71.1	71.6	71.7	71.8	72.1	72.1	72.8	72.9	73.3	73.7	
GE 5000		61.7	67.2	69.5	71.5	71.6	72.5	73.0	73.1	73.2	73.5	73.5	74.2	74.3	74.7	75.1	
GE 4500		62.0	67.5	69.8	71.7	71.9	72.8	73.3	73.4	73.6	73.9	73.9	74.5	74.6	75.1	75.5	
GE 4000		63.9	69.7	72.1	74.2	74.3	75.2	75.7	75.8	76.0	76.3	76.3	76.9	77.0	77.5	77.9	
GE 3500		64.6	70.4	73.0	75.1	75.2	76.2	76.8	76.9	77.0	77.3	77.3	77.9	78.0	78.5	78.9	
GE 3000		66.5	72.9	75.7	78.0	78.2	79.4	80.0	80.1	80.2	80.6	80.6	81.2	81.3	81.8	82.3	
GE 2500		68.9	75.2	78.3	80.6	80.8	82.0	82.6	82.7	82.8	83.2	83.2	83.8	83.9	84.4	84.9	
GE 2000		70.0	76.7	79.6	82.3	82.4	83.9	84.6	84.7	85.0	85.3	85.3	86.0	86.2	86.7	87.2	
GE 1800		70.4	77.1	80.0	82.7	82.9	84.4	85.1	85.2	85.5	85.8	85.8	86.5	86.7	87.2	87.7	
GE 1500		71.3	78.4	81.4	84.5	84.7	86.5	87.2	87.3	87.6	88.0	88.0	88.9	89.1	89.5	90.0	
GE 1200		71.8	79.1	82.2	85.5	85.8	87.8	88.5	88.6	88.9	89.3	89.3	90.2	90.5	90.9	91.4	
GE 1000		72.4	79.8	83.1	86.6	86.8	89.2	90.0	90.1	90.7	91.2	91.2	92.1	92.3	92.8	93.3	
GE 900		72.6	80.0	83.3	86.8	87.1	89.4	90.3	90.4	91.0	91.5	91.5	92.4	92.6	93.1	93.6	
GE 800		72.8	80.3	83.6	87.3	87.5	89.8	90.7	90.8	91.7	92.1	92.1	93.2	93.4	93.9	94.4	
GE 700		73.0	80.6	83.9	87.6	87.8	90.2	91.1	91.2	92.0	92.5	92.5	93.5	93.8	94.3	94.8	
GE 600		73.3	80.9	84.2	88.0	88.3	90.7	91.8	91.9	92.8	93.2	93.2	94.3	94.5	95.0	95.5	
GE 500		73.5	81.2	84.8	89.9	89.2	91.8	93.0	93.1	94.1	94.6	94.6	95.7	95.9	96.6	97.2	
GE 400		73.5	81.2	84.8	89.9	89.2	91.9	93.2	93.2	94.3	94.8	94.8	95.9	96.2	96.9	97.5	
GE 300		73.6	81.3	85.0	89.2	89.6	92.7	94.2	94.3	95.4	96.0	96.0	97.2	97.5	98.2	98.8	
GE 200		73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	98.9	99.6	
GE 100		73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	99.0	100.0	
GE 0		73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2074

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1		77.2	41.5	42.7	44.5	44.5	46.1	46.8	47.1	48.1	49.3	48.3	49.6	49.9	50.9
GE 20000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7
GE 18000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7
GE 16000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7
GE 14000			40.5	45.3	46.8	48.9	48.9	50.6	51.4	51.7	52.7	52.9	52.9	54.5	54.7	55.7
GE 12000			41.2	46.1	47.6	49.6	49.6	51.4	52.2	52.4	53.4	53.7	53.7	55.5	55.7	56.7
GE 10000			42.0	48.3	50.4	52.4	52.4	54.2	55.0	55.2	56.2	56.5	56.5	58.3	58.5	59.5
GE 9000			42.3	48.6	50.6	52.9	52.9	54.7	55.5	55.7	56.7	57.0	57.0	58.8	59.0	60.1
GE 8000			42.6	52.9	55.0	57.3	57.3	59.0	59.8	60.1	61.1	61.3	61.3	63.1	63.4	64.4
GE 7000			46.6	53.7	55.7	58.3	58.3	60.1	60.8	61.1	62.1	62.3	62.3	64.1	64.4	65.4
GE 6000			47.6	54.7	56.7	59.3	59.3	61.1	61.8	62.1	63.1	63.4	63.4	65.1	65.4	66.4
GE 5000			49.4	56.5	58.8	61.3	61.3	63.1	63.9	64.1	65.1	65.4	65.4	67.2	67.4	68.4
GE 4000			50.1	57.3	59.5	62.1	62.1	63.9	64.6	64.9	65.9	66.2	66.2	67.9	68.2	69.2
GE 3000			50.4	57.6	60.1	62.8	62.8	64.6	65.4	65.6	66.7	66.9	66.9	68.7	69.0	70.0
GE 2500			52.2	59.5	62.1	64.9	64.9	66.7	67.4	67.7	68.7	69.0	69.0	70.7	71.0	72.0
GE 2000			52.9	61.1	63.6	66.7	66.9	68.7	69.5	69.7	70.7	71.0	71.0	72.8	73.0	74.0
GE 1500			54.2	67.4	65.9	69.0	69.5	71.2	72.0	72.3	73.3	73.5	73.5	75.3	75.6	76.6
GE 1000			56.0	65.4	68.2	71.2	71.8	73.8	74.6	74.9	75.8	76.1	76.1	77.9	78.1	79.1
GE 800			56.0	65.4	68.2	71.2	71.8	73.8	74.6	74.9	75.8	76.1	76.1	77.9	78.1	79.1
GE 600			57.3	67.7	71.2	74.6	75.6	77.9	78.9	79.1	80.4	80.7	80.7	82.4	82.7	83.7
GE 400			58.6	69.5	73.0	76.6	77.6	80.2	81.2	81.4	82.7	83.0	83.0	84.7	85.0	86.0
GE 200			59.5	70.7	73.6	77.6	78.6	81.7	83.2	83.5	84.7	85.0	85.0	86.8	87.0	88.0
GE 100			59.5	70.7	73.6	77.6	78.6	81.7	83.2	83.5	84.7	85.0	85.0	86.8	87.0	88.0
GE 500			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8
GE 400			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8
GE 300			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8
GE 200			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8
GE 100			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8
GE 50			60.8	72.3	77.4	81.4	82.4	86.5	88.5	88.8	90.6	91.1	91.1	93.6	94.1	95.2
GE 20			60.8	72.3	77.4	81.4	82.4	86.5	88.5	88.8	90.6	91.1	91.1	93.6	94.1	95.2

TOTAL NUMBER OF OBSERVATIONS: 143

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS/1ST: 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GF 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GF 5/16	GE 1/4	GE 0				
NO CEIL		43.4	46.3	48.1	49.3	49.3	49.6	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1			
GE 20000		49.1	52.7	55.0	56.5	56.5	57.0	57.3	57.3	57.3	57.3	57.3	57.8	57.8	57.8	57.8		
GE 18000		49.6	53.2	55.5	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	58.3	58.3	58.3	58.3		
GE 16000		49.6	53.2	55.5	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	58.3	58.3	58.3	58.3		
GE 14000		51.4	55.0	57.3	58.8	58.8	59.2	59.6	59.6	59.6	59.6	59.6	60.1	60.1	60.1	60.1		
GE 12000		53.5	57.1	59.4	60.9	60.9	61.4	61.7	61.7	61.7	61.7	61.7	62.2	62.2	62.2	62.2		
GE 10000		56.0	59.6	62.4	63.8	63.8	64.3	64.6	64.6	64.6	64.6	64.6	65.3	65.3	65.3	65.3		
GE 9000		56.5	60.1	62.8	64.5	64.5	65.0	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0		
GE 8000		61.4	65.5	68.2	69.9	69.9	70.4	70.7	70.7	70.7	70.7	70.7	71.4	71.4	71.4	71.4		
GE 7000		62.2	66.3	69.1	70.7	70.7	71.2	71.5	71.5	71.5	71.5	71.5	72.2	72.2	72.2	72.2		
GE 6000		64.0	68.4	71.2	72.8	72.8	73.3	73.6	73.6	73.6	73.6	73.6	74.3	74.3	74.3	74.3		
GE 5000		66.1	70.9	73.8	75.5	75.5	75.9	76.3	76.3	76.3	76.3	76.3	76.9	76.9	76.9	76.9		
GE 4500		66.9	71.7	74.6	76.3	76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.7	77.7	77.7	77.7		
GE 4000		67.4	72.2	75.1	76.8	76.8	77.3	77.6	77.6	77.6	77.6	77.6	78.2	78.2	78.2	78.2		
GE 3500		68.4	73.5	76.4	78.1	78.1	78.6	78.9	78.9	78.9	78.9	78.9	79.5	79.5	79.5	79.5		
GE 3000		70.5	75.8	78.7	81.0	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7		
GE 2500		72.0	77.3	80.4	82.8	83.0	83.6	84.1	84.1	84.1	84.1	84.1	84.9	84.9	84.9	84.9		
GE 2000		71.2	78.4	81.7	84.8	84.9	86.1	86.7	86.7	86.7	86.7	86.7	87.6	87.6	87.6	87.6		
GE 1800		73.3	78.6	81.8	84.9	85.1	86.3	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1		
GE 1500		74.5	79.9	83.3	86.9	87.1	88.5	89.2	89.2	89.2	89.2	90.0	90.7	90.7	90.7	90.7		
GE 1000		75.3	80.9	84.3	88.1	88.2	90.2	90.8	90.8	90.8	90.8	91.7	92.3	92.3	92.3	92.3		
GF 1000		75.6	81.5	85.3	89.2	89.4	91.7	92.3	92.3	92.3	93.1	93.1	93.1	93.8	93.8	93.8		
GE 900		75.6	81.5	85.3	89.2	89.4	92.0	92.6	92.6	92.6	93.5	93.5	94.1	94.1	94.1	94.1		
GE 800		75.8	81.7	85.6	89.7	90.0	93.0	93.6	93.6	93.6	94.4	94.6	95.3	95.3	95.3	95.3		
GE 700		75.6	81.7	85.6	89.7	90.0	93.0	93.8	93.8	93.8	94.8	94.9	95.6	95.6	95.6	95.6		
GE 600		75.9	81.8	85.9	89.9	90.2	93.1	93.9	93.9	93.9	94.9	95.1	95.1	95.7	95.7	95.7		
GE 500		76.8	82.7	86.7	90.7	91.0	94.4	95.6	95.6	95.6	96.9	97.2	97.2	98.2	98.4	98.4		
GE 400		77.1	83.0	87.1	91.0	91.3	94.8	95.9	95.9	95.9	97.2	97.5	97.5	98.5	98.7	98.7		
GE 300		77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.5	98.0	99.0	99.2	99.2		
GE 200		77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.5	98.0	99.0	99.3	99.3		
GF 100		77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.5	98.0	99.0	99.3	99.3		
GE 0		77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.5	98.0	99.0	99.3	99.3		

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1		46.9	48.1	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000			55.2	57.1	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	.2		55.7	57.6	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	.2		55.7	57.6	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	.2		56.1	57.9	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	.2		57.9	59.7	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	.2		61.4	63.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	.2		61.6	63.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	.2		67.2	69.1	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	.2		68.7	70.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	.2		71.2	73.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	.2		72.4	74.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	.2		73.0	75.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	.2		73.9	76.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	.2		74.5	76.7	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	.2		76.0	78.2	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	.2		77.2	79.7	82.2	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	.2		79.0	81.7	84.4	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	.2		79.0	81.7	84.4	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1600	.2		80.2	83.2	86.4	87.4	87.7	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1400	.2		80.5	83.5	87.0	88.4	88.9	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	.2		80.7	83.9	88.0	89.4	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	.2		81.5	85.2	89.7	91.2	92.0	92.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	.2		81.5	85.2	89.9	91.3	92.2	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	.2		82.4	86.7	91.5	93.3	94.3	96.0	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	.2		82.4	86.7	91.5	93.3	94.3	96.0	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	.2		82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: DEC

HOURS: 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31	GE 33
17	5	5	4	3	2	1 1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/4	1/4	1/4	1/4
NO CEIL	1	48.2	48.7	50.6	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000		57.7	58.2	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000		57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000		57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000		57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000		60.8	61.7	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000		64.5	65.7	68.1	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000		64.5	65.7	68.1	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000		68.8	69.7	72.1	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000		70.0	70.9	73.3	74.9	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000		72.8	74.0	76.4	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000		73.8	75.2	77.5	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500		74.7	76.1	78.5	80.4	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000		76.1	77.5	79.9	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500		76.8	78.3	80.6	82.7	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3000	.2	78.5	80.1	82.7	85.3	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	.2	79.7	81.3	83.9	86.5	86.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	.2	81.1	82.7	85.3	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	.2	81.1	82.7	85.3	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	.2	81.6	83.5	86.1	89.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	.2	82.3	84.0	87.0	90.3	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	.2	83.0	85.6	88.9	92.2	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	.2	83.0	85.6	88.9	92.2	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	.2	83.0	85.6	88.9	92.2	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	.2	83.2	86.1	89.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	.2	83.2	86.1	89.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	.2	83.9	87.0	90.5	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 300	.2	83.9	87.0	90.5	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 200	.2	83.9	87.0	90.5	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 100	.2	84.2	87.2	90.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 0	.2	84.2	87.2	90.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
MONTH: DEC YEAR: 1980-2000

CEILING IN FEET	I	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C
NO CEIL	I	2.9	58.0	59.4	60.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	I	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	I	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	I	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	I	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	I	2.9	66.7	68.1	69.6	71.0	71.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	I	2.9	71.0	73.4	75.4	76.8	76.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	I	2.9	72.5	75.4	76.8	78.3	78.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	I	2.9	78.3	81.2	82.6	85.5	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	I	2.9	78.3	81.2	82.6	85.5	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	I	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	I	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	I	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	I	2.9	82.6	85.5	87.0	89.9	89.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	I	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	I	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	I	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	I	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1600	I	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1400	I	4.3	85.5	89.9	91.3	94.2	94.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	I	4.3	87.0	91.3	92.8	95.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	I	4.3	87.0	91.3	92.8	95.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	I	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	CI	4.3	87.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES																	
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	1	.1	44.7	46.8	48.4	49.3	49.3	49.7	50.0	50.0	50.2	50.3	50.3	50.5	50.6	50.8	51.2		
GE 20000	1	.1	51.2	53.9	55.7	56.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	58.3	58.4	58.6	59.0		
GE 18000	1	.1	51.5	54.2	56.1	57.2	57.2	57.7	57.9	58.0	58.2	58.2	58.2	58.7	58.7	58.9	59.4		
GE 16000	1	.1	51.5	54.2	56.1	57.2	57.2	57.7	57.9	58.0	58.2	58.2	58.2	58.7	58.7	58.9	59.4		
GE 14000	1	.1	52.3	54.9	56.6	57.9	57.9	58.5	58.8	58.8	59.0	59.0	59.0	59.5	59.5	59.7	60.2		
GE 12000	1	.1	54.4	57.1	59.0	60.1	60.1	60.7	60.9	60.9	61.1	61.2	61.2	61.7	61.7	61.9	62.4		
GE 10000	1	.1	57.4	60.2	62.5	63.8	63.8	64.4	64.6	64.7	64.9	64.9	64.9	65.4	65.5	65.7	66.2		
GE 9000	1	.1	57.7	60.5	62.8	64.1	64.1	64.8	65.0	65.0	65.2	65.3	65.3	65.8	65.9	66.0	66.6		
GE 8000	1	.1	62.2	65.5	67.8	69.3	69.3	70.0	70.2	70.2	70.4	70.5	70.5	71.0	71.1	71.2	71.8		
GE 7000	1	.1	61.2	66.6	68.9	70.4	70.4	71.1	71.3	71.3	71.5	71.6	71.6	72.1	72.2	72.3	72.9		
GE 6000	1	.1	65.3	68.9	71.1	72.7	72.7	73.3	73.6	73.6	73.8	73.9	73.9	74.4	74.4	74.6	75.2		
GE 5000	1	.1	66.6	70.5	72.9	74.5	74.5	75.2	75.4	75.4	75.6	75.7	75.7	76.2	76.3	76.4	77.0		
GE 4500	1	.1	67.6	71.3	73.7	75.3	75.3	75.9	76.2	76.2	76.4	76.4	76.4	77.0	77.0	77.2	77.8		
GE 4000	1	.1	68.3	72.0	74.4	76.1	76.1	76.8	77.0	77.1	77.3	77.3	77.3	77.8	77.9	78.1	78.6		
GE 3500	1	.1	69.3	73.2	75.6	77.3	77.3	78.0	78.2	78.3	78.4	78.5	78.5	79.0	79.1	79.3	79.8		
GE 3000	1	.2	70.9	75.0	77.6	79.6	79.6	80.4	80.6	80.6	80.8	80.9	80.9	81.4	81.4	81.6	82.2		
GE 2500	1	.2	72.1	76.5	79.2	81.3	81.4	82.2	82.5	82.6	82.8	82.9	82.9	83.4	83.5	83.6	84.2		
GE 2000	1	.2	73.6	78.1	80.9	83.2	83.4	84.3	84.7	84.8	85.0	85.1	85.1	85.6	85.6	85.8	86.4		
GE 1800	1	.2	73.6	78.1	80.9	83.3	83.5	84.4	84.8	84.8	85.1	85.1	85.1	85.6	85.7	85.9	86.5		
GE 1500	1	.2	74.6	79.5	82.6	85.4	85.7	86.9	87.5	87.5	88.0	88.1	88.1	88.6	88.7	88.8	89.4		
GE 1200	1	.2	75.4	80.4	83.7	86.6	87.1	88.5	89.0	89.1	89.6	89.7	89.7	90.2	90.2	90.4	91.0		
GE 1000	1	.2	75.9	81.2	84.9	87.9	88.4	90.2	90.9	91.0	91.5	91.6	91.6	92.2	92.2	92.4	93.0		
GE 900	1	.2	76.0	81.4	85.1	88.1	88.7	90.6	91.3	91.4	91.9	92.0	92.0	92.6	92.6	92.8	93.4		
GE 800	1	.2	76.1	81.5	85.5	88.6	89.2	91.4	92.2	92.3	92.8	93.0	93.0	93.6	93.6	93.8	94.4		
GE 700	1	.2	76.3	81.9	85.8	89.0	89.6	91.8	92.7	92.8	93.3	93.5	93.5	94.1	94.1	94.3	94.9		
GE 600	1	.2	76.4	81.9	85.9	89.1	89.7	91.9	93.0	93.0	93.8	94.0	94.0	94.6	94.6	94.8	95.4		
GE 500	1	.2	77.1	82.9	87.2	90.5	91.1	93.8	95.1	95.2	96.2	96.4	96.4	97.4	97.5	97.7	98.3		
GE 400	1	.2	77.2	83.0	87.3	90.6	91.2	93.9	95.3	95.4	96.4	96.7	96.7	97.7	97.8	98.0	98.7		
GE 300	1	.2	77.2	83.1	87.4	90.7	91.3	94.2	95.6	95.7	96.8	97.2	97.2	98.1	98.3	98.5	99.1		
GE 200	1	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.0	97.4	97.4	98.4	98.6	98.8	99.5		
GE 100	1	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.1	97.5	97.5	98.4	98.6	98.9	99.6		
GE 75	1	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.1	97.5	97.5	98.4	98.6	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 2097

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 740000 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	GE 10	VISIBILITY IN STATUTE MILES					VISIBILITY IN STATUTE MILES									
		GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.0	41.2	48.0	50.1	51.6	51.7	52.4	52.7	52.7	53.0	53.1	53.1	53.4	53.4	53.8	54.2
GE 20000	.0	45.5	55.0	57.4	59.2	59.3	60.1	60.5	60.5	60.8	61.0	61.0	61.3	61.4	61.7	62.2
GE 18000	.0	45.9	55.6	58.0	59.8	59.9	60.7	61.1	61.1	61.5	61.6	61.6	61.9	62.0	62.3	62.8
GE 16000	.0	50.0	55.6	58.1	59.8	60.0	60.8	61.1	61.1	61.5	61.6	61.6	61.9	62.0	62.4	62.8
GE 14000	.0	50.6	56.3	58.8	60.5	60.7	61.5	61.9	61.7	62.2	62.4	62.4	62.7	62.7	63.1	63.6
GE 12000	.0	52.8	58.7	61.2	63.1	63.2	64.1	64.4	64.4	64.8	64.9	64.9	65.2	65.3	65.7	66.2
GE 10000	.0	55.6	61.9	64.7	66.7	66.9	67.8	68.2	68.2	68.5	68.7	68.7	69.1	69.1	69.5	70.0
GE 9000	.0	55.9	62.2	65.0	67.0	67.2	68.1	68.5	68.5	68.9	69.0	69.0	69.4	69.5	69.9	70.3
GE 8000	.0	58.7	65.5	68.5	70.7	71.8	71.8	72.2	72.2	72.6	72.6	72.6	73.1	73.2	73.6	74.1
GE 7000	.0	59.4	66.3	69.3	71.6	71.8	72.8	73.2	73.2	73.5	73.7	73.7	74.1	74.2	74.6	75.1
GE 6000	.0	60.4	67.4	70.5	72.7	72.9	74.0	74.4	74.4	74.8	74.9	74.9	75.3	75.4	75.8	76.3
GE 5000	.0	61.4	68.5	71.7	74.0	74.2	75.2	75.6	75.7	76.0	76.2	76.2	76.6	76.6	77.1	77.6
GE 4500	.0	61.7	68.9	72.1	74.4	74.6	75.6	76.0	76.0	76.4	76.6	76.6	77.0	77.0	77.4	77.9
GE 4000	.0	62.6	70.1	73.3	75.7	75.9	77.0	77.4	77.4	77.8	77.9	78.0	78.3	78.4	78.8	79.3
GE 3500	.0	63.6	71.2	74.6	77.0	77.2	78.3	78.7	78.8	79.1	79.3	79.3	79.7	79.8	80.2	80.7
GE 3000	.0	65.3	73.2	76.8	79.4	79.7	80.8	81.3	81.3	81.7	81.9	81.9	82.3	82.3	82.7	83.2
GE 2500	.0	66.9	75.3	79.0	81.8	82.1	83.4	83.8	83.9	84.3	84.5	84.5	84.9	84.9	85.3	85.8
GE 2000	.0	68.4	77.2	81.1	84.1	84.4	85.8	86.3	86.3	86.8	87.0	87.0	87.4	87.5	87.9	88.4
GE 1800	.0	68.7	77.5	81.4	84.4	84.7	86.1	86.6	86.7	87.2	87.4	87.4	87.8	87.8	88.2	88.8
GE 1500	.0	69.7	78.9	83.0	86.4	86.7	88.3	88.9	88.9	89.5	89.7	89.7	90.1	90.2	90.6	91.1
GE 1200	.0	70.2	79.5	83.7	87.2	87.6	89.3	89.9	89.9	90.5	90.7	90.7	91.2	91.2	91.7	92.2
GE 1000	.0	70.7	80.2	84.7	88.5	88.9	90.8	91.5	91.6	92.3	92.5	92.5	92.9	93.0	93.4	94.0
GE 900	.0	70.8	80.5	85.0	88.8	89.2	91.2	91.9	91.9	92.6	92.8	92.8	93.3	93.4	93.8	94.3
GE 800	.0	71.1	80.8	85.4	89.3	89.6	91.9	92.7	92.7	93.5	93.7	93.8	94.2	94.3	94.8	95.3
GE 700	.0	71.2	81.0	85.6	89.7	90.2	92.5	93.1	93.2	94.0	94.2	94.3	94.8	94.9	95.3	95.8
GE 600	.0	71.3	81.1	85.9	90.0	90.6	92.8	93.7	93.7	94.6	94.8	94.8	95.4	95.4	95.9	96.4
GE 500	.0	71.6	81.5	86.5	91.0	91.6	94.0	95.0	95.1	96.1	96.4	96.4	97.1	97.1	97.6	98.1
GE 400	.0	71.6	81.6	86.6	91.1	91.8	94.3	95.5	95.5	96.6	96.9	96.9	97.6	97.7	98.2	98.7
GE 300	.0	71.6	81.7	86.7	91.3	92.0	94.7	96.0	96.0	97.2	97.6	97.6	98.3	98.4	98.9	99.4
GE 200	.0	71.7	81.7	86.7	91.3	92.0	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.1	99.7
GE 100	.0	71.7	81.7	86.7	91.3	92.1	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.2	99.9
GE 0	.0	71.7	81.7	86.7	91.3	92.1	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 25977

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	19.7			26.8						20.1	33.4	6.0	407
09-11	15.6			25.0						19.6	39.7	6.5	627
12-14	12.7			27.6						19.5	40.2	6.6	605
15-17	16.6			25.0						20.7	37.7	6.4	440
18-20	11.0			41.1						23.3	24.7	5.8	73
21-23													
TOTALS	15.1			29.1						20.6	35.1	6.3	2152

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	13.0			29.2						12.4	45.4	6.5	339
09-11	15.3			21.4						20.5	42.8	6.8	556
12-14	7.9			23.9						23.6	44.6	7.3	560
15-17	7.2			26.9						24.5	41.3	7.1	416
18-20	10.6			28.7						22.3	38.3	6.7	94
21-23													
TOTALS	17.8			26.0						20.7	42.5	6.9	1965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	14.1			26.1						16.9	42.8	6.5	425
09-11	12.5			26.0						20.7	40.8	6.7	638
12-14	8.9			33.8						14.4	42.9	6.6	637
15-17	11.4			31.2						16.7	40.7	6.5	474
18-20	14.1			40.0						16.5	39.4	5.6	85
21-23													
TOTALS	12.2			31.4						17.0	39.3	6.4	2259

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	24.5			27.4						18.0	30.1	5.5	482
09-11	17.0			29.6						17.4	32.0	5.8	653
12-14	11.6			31.0						22.5	34.9	6.4	639
15-17	11.3			29.3						20.3	39.1	6.6	468
18-20	6.0			32.5						22.9	38.6	6.9	83
21-23													
TOTALS	14.5			30.0						20.6	34.9	6.2	2325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	12.2			22.6						23.0	42.3	7.0	575
09-11	7.9			25.3						24.9	41.9	7.2	647
12-14	3.8			28.4						27.2	40.6	7.4	606
15-17	4.5			23.9						32.2	39.4	7.6	398
18-20	15.2			21.2						29.8	34.8	6.7	66
21-23													
TOTALS	8.7			24.3						27.2	39.8	7.2	2292

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	7.5			32.2						31.3	29.1	6.7	550
09-11	4.2			34.6						28.2	33.1	6.9	625
12-14	1.3			33.6						30.4	34.7	7.2	593
15-17	2.5			32.1						30.3	35.1	7.2	433
18-20	3.6			20.5						42.2	33.7	7.8	83
21-23													
TOTALS	3.8			30.6						32.5	33.1	7.2	2284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	2.9			31.2						31.0	34.9	7.2	513
09-11	2.6			30.9						30.9	35.6	7.3	609
12-14	.3			28.5						34.4	36.7	7.6	575
15-17	2.3			29.1						33.7	34.9	7.4	350
18-20	10.2			26.5						32.7	30.6	6.8	49
21-23													
TOTALS	3.7			29.2						32.5	34.5	7.3	2096

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	6.0			40.6						30.2	23.2	6.3	483
09-11	2.8			33.3						37.1	26.7	7.0	606
12-14	1.3			28.4						40.3	30.0	7.5	603
15-17	1.1			33.8						35.7	29.5	7.2	370
18-20				37.5						35.7	26.8	7.0	56
21-23													
TOTALS	2.2			34.7						35.8	27.2	7.0	2118

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02													
03-05													
06-08	9.2			41.1						23.9	25.8	6.0	477
09-11	9.3			34.5						10.5	25.7	6.3	557
12-14	4.9			30.6						39.8	24.7	7.0	507
15-17	6.4			30.3						41.3	22.0	6.5	744
18-20	8.0			32.0						40.0	20.0	6.6	25
21-23													
TOTALS	7.6			33.7						35.1	23.6	6.5	1830

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	9.8			31.3						26.0	32.9	6.6	480
09-11	11.6			34.1						24.2	30.1	6.2	621
12-14	7.3			31.7						29.5	31.4	6.7	586
15-17	11.6			32.0						24.8	31.6	6.4	431
18-20	19.1			15.3						19.1	26.5	5.4	68
21-23													
TOTALS	11.9			32.9						24.7	30.5	6.3	2186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	11.1			28.0						25.3	75.6	6.7	346
09-11	12.8			25.6						28.1	73.6	6.7	587
12-14	9.4			27.0						27.0	76.6	6.9	577
15-17	9.2			29.9						21.2	79.7	6.6	411
18-20	17.7			32.9						20.3	29.1	5.7	79
21-23													
TOTALS	12.0			26.7						24.4	74.9	6.6	2050

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	11.7			30.1						20.0	38.2	6.5	385
09-11	11.6			25.1						22.9	40.4	6.9	606
12-14	10.0			25.9						23.9	40.2	6.9	599
15-17	10.1			29.0						19.3	41.5	6.8	424
18-20	14.8			24.6						23.2	33.3	6.2	69
21-23													
TOTALS	12.4			26.9						21.9	38.7	6.7	2043

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7469SL STATION NAME: DAPE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
HOURS		0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL
(LST)														OBS
JAN	ALL	15.1			29.1						20.6	15.1	6.3	2152
FEB		10.8			26.6						20.7	42.5	6.9	1965
MAR		12.2			31.4						17.0	39.3	6.4	2259
APR		14.5			30.0						20.6	34.9	6.2	2325
MAY		8.7			24.3						27.2	39.8	7.2	2242
JUN		3.8			30.6						32.5	33.1	7.2	2284
JUL		3.7			29.2						32.5	34.5	7.3	2096
AUG		2.2			34.7						35.8	27.2	7.0	2118
SEP		7.6			33.7						35.1	23.6	6.5	1830
OCT		11.9			32.9						24.7	30.5	6.3	2186
NOV		12.0			28.7						24.4	34.9	6.6	2050
DEC		12.4			26.9						21.9	38.7	6.7	2083
TOTALS		9.6			29.6						26.1	34.5	6.7	25640

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 1-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATION (FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURLY LIST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1-6	MEAN	34.8	33.2	47.0	56.2	65.2	72.2	76.3	74.7	68.8	59.3	51.3	42.2	59.0
	SD	17.661	10.429	9.414	8.527	7.552	6.478	5.204	5.907	7.191	7.186	10.416	11.468	10.067
	TOT OBS	411	396	425	497	586	565	538	511	501	500	435	394	5688
7-12	MEAN	42.1	45.4	55.0	64.4	72.8	79.6	83.6	82.8	77.9	72.0	60.7	50.2	65.4
	SD	9.517	10.604	9.757	8.810	7.379	5.668	4.697	4.869	6.141	7.283	8.916	10.253	16.111
	TOT OBS	630	558	634	618	650	630	621	621	565	601	591	611	7395
13-18	MEAN	46.8	49.2	58.2	67.0	74.7	81.6	85.9	84.8	80.3	71.4	64.0	54.6	68.1
	SD	9.792	10.278	10.598	9.030	7.946	6.434	5.592	5.877	6.468	7.168	8.724	10.093	15.627
	TOT OBS	407	500	636	644	608	596	580	611	511	455	542	601	7123
19-24	MEAN	44.4	47.4	56.2	64.7	73.3	79.7	83.7	83.5	78.2	70.4	61.1	52.1	65.2
	SD	9.667	10.541	10.145	8.517	7.366	6.479	5.693	5.238	6.243	7.144	8.527	9.876	15.525
	TOT OBS	444	427	477	472	398	433	353	384	275	474	415	424	4926
25-30	MEAN	38.3	43.0	50.8	61.2	69.8	76.8	80.5	80.5	71.1	61.3	53.0	46.7	59.2
	SD	8.251	9.566	8.594	8.643	7.638	5.687	4.540	4.682	6.653	6.615	9.477	9.159	16.034
	TOT OBS	72	94	85	85	66	84	51	61	30	68	80	69	686
ALL	MEAN	42.5	45.4	54.5	63.2	71.4	78.2	82.3	81.5	76.1	67.0	59.6	50.2	64.5
	SD	10.793	11.334	10.804	9.606	8.436	7.167	6.401	6.695	7.475	8.994	10.303	11.206	16.211
HOURLY TOT OBS		2165	1775	2274	2356	2308	2308	2143	2188	1842	1708	2073	1098	25978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
06-08	MEAN	34.9	37.3	44.6	52.5	61.8	68.4	72.9	72.1	66.6	57.3	49.7	41.9	57.0
	SD	10.640	10.934	9.714	8.091	6.990	5.871	4.458	5.287	6.686	9.011	10.759	11.194	14.953
	TOT OBS	354	333	435	496	586	565	538	511	501	500	403	360	552
09-11	MEAN	39.2	41.9	49.5	56.4	65.0	71.5	75.9	75.6	70.7	62.6	55.7	46.2	59.3
	SD	9.488	10.446	8.980	8.074	6.482	5.410	4.157	4.305	5.592	7.260	9.116	10.405	14.570
	TOT OBS	674	554	639	658	650	630	618	621	565	621	597	609	735
12-14	MEAN	41.6	43.8	51.0	57.8	65.8	72.4	76.8	76.3	71.5	63.3	57.2	48.8	60.4
	SD	9.336	10.273	8.922	8.192	6.666	5.644	4.484	4.474	5.554	7.188	8.827	10.141	14.150
	TOT OBS	601	559	636	644	608	596	580	611	511	585	582	671	711
15-17	MEAN	39.7	42.4	49.7	56.9	65.3	71.6	76.0	76.5	70.8	61.9	55.9	47.3	58.6
	SD	9.042	10.001	8.594	8.177	6.570	5.729	4.542	4.279	5.981	7.012	8.772	9.980	14.453
	TOT OBS	442	417	477	472	398	433	353	384	275	434	415	423	492
18-20	MEAN	35.4	39.5	46.6	54.5	63.7	70.9	75.1	75.7	67.1	58.4	50.6	44.6	55.1
	SD	7.829	9.498	8.042	8.708	7.047	5.804	3.756	4.268	6.987	6.986	9.670	9.352	15.144
	TOT OBS	71	94	85	85	66	84	51	61	33	66	80	69	84
ALL	MEAN	39.1	41.6	48.9	56.0	64.4	71.0	75.4	75.2	69.8	61.3	54.8	46.4	58.8
	SD	9.775	10.574	9.271	8.366	6.874	5.853	4.622	4.903	6.299	7.965	9.742	10.604	14.601
HOURS	TOT OBS	2072	1957	2274	2355	2308	2308	2140	2188	1882	2205	2067	2062	25821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	32.0	34.8	42.0	49.3	59.6	66.4	71.4	71.0	65.4	56.1	48.0	39.7	55.0
	SD	12.672	12.445	10.778	9.350	7.586	6.490	4.726	5.459	6.949	9.369	11.484	12.589	15.814
	TOT OBS	354	333	435	496	586	565	538	511	501	503	403	360	5582
09-11	MEAN	31.6	35.9	43.9	49.6	60.1	67.4	72.7	72.6	67.1	58.4	51.5	41.4	54.7
	SD	12.434	12.630	10.762	10.686	8.227	6.935	5.198	5.190	6.667	9.004	11.323	13.086	16.279
	TOT OBS	604	554	639	658	650	630	618	621	565	621	587	609	7356
12-14	MEAN	34.2	37.1	44.2	50.1	60.3	67.8	72.9	72.8	67.2	57.9	51.8	42.4	54.7
	SD	12.618	12.728	10.499	11.361	8.495	7.170	5.656	5.260	6.692	9.347	11.492	13.416	16.398
	TOT OBS	601	559	630	644	608	596	580	611	511	585	582	601	7116
15-17	MEAN	32.3	35.6	43.3	50.3	60.4	67.6	72.8	73.7	67.1	57.4	51.5	41.8	53.5
	SD	11.770	12.365	10.245	11.174	8.371	7.103	5.500	4.961	7.282	8.755	10.996	12.818	16.656
	TOT OBS	442	417	477	472	398	433	353	384	275	434	415	423	4923
18-20	MEAN	30.4	34.5	42.0	49.6	59.8	67.8	72.9	73.7	64.9	56.2	48.3	42.0	51.6
	SD	10.051	11.572	9.509	11.357	8.555	7.152	4.091	4.716	7.734	7.881	10.836	10.660	16.633
	TOT OBS	71	94	85	85	66	84	51	61	30	68	80	69	844
ALL	MEAN	33.2	36.3	43.4	49.8	60.0	67.3	72.5	72.5	66.6	57.5	50.8	41.5	54.5
	SD	12.351	12.544	10.565	10.734	8.175	6.945	5.275	5.303	6.895	9.134	11.407	12.990	16.313
HOURS	TOT OBS	2072	1957	2274	2355	2308	2308	2140	2188	1882	2208	2067	2062	25821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 74-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS
JAN	00-02											
	03-05											
	06-08	100.0	100.0	99.7	98.9	98.0	94.1	86.2	72.0	44.6	84.8	354
	09-11	100.0	100.0	99.0	96.0	87.9	72.7	51.8	35.4	21.6	72.4	604
	12-14	100.0	100.0	98.3	87.2	71.7	51.6	33.9	22.3	15.3	63.8	601
	15-17	100.0	100.0	99.5	91.2	72.2	51.6	31.2	19.7	9.3	63.1	442
	18-20	100.0	100.0	100.0	98.6	94.4	76.1	56.3	33.8	19.7	73.5	71
	21-23											
TOTALS		100.0	100.0	99.3	94.4	84.8	69.2	51.9	36.6	22.1	71.5	2072

GLOBAL CLIMATOLOGY BRANCH
LSAFFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.4	97.0	88.3	71.5	45.6	86.3	333
	09-11	100.0	100.0	100.0	98.2	92.1	76.0	49.6	35.0	17.3	72.6	554
	12-14	100.0	100.0	99.3	92.8	76.6	54.6	33.3	23.1	14.3	65.1	559
	15-17	100.0	100.0	99.5	94.5	81.1	59.5	34.5	22.1	12.5	65.9	417
	18-20	100.0	100.0	100.0	100.0	90.4	81.9	57.4	34.0	12.8	73.1	94
	21-23											
	TOTALS	100.0	100.0	99.8	97.1	87.9	73.9	52.6	37.1	20.5	72.6	1957

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	94.7	82.3	62.1	38.4	83.6	435
	09-11	100.0	100.0	100.0	96.7	84.2	61.8	39.3	26.3	13.3	67.9	635
	12-14	100.0	100.0	99.4	92.2	70.8	46.7	27.9	17.6	8.0	62.0	638
	15-17	100.0	100.0	99.2	91.8	75.5	55.8	32.7	19.5	10.2	64.1	477
	18-20	100.0	100.0	100.0	98.8	92.9	82.4	56.5	31.8	11.8	73.0	85
	21-23											
TOTALS		100.0	100.0	99.7	95.9	84.5	68.3	47.7	31.5	16.4	70.1	2274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.0	96.2	86.2	71.0	51.2	28.2	79.1	496
	09-11	100.0	100.0	97.6	88.6	69.5	46.5	28.3	17.3	8.4	61.1	656
	12-14	100.0	100.0	94.1	79.3	58.9	39.4	22.5	14.9	6.1	57.3	644
	15-17	100.0	100.0	96.6	84.7	71.2	51.5	31.1	17.6	7.2	61.9	472
	18-20	100.0	100.0	98.8	94.1	83.5	75.3	48.2	29.4	11.8	69.7	85
	21-23											
TOTALS		100.0	100.0	97.4	89.1	75.9	59.9	40.2	26.1	12.3	65.8	2351

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.7	98.8	94.5	84.0	64.8	37.0	82.9	586
	09-11	100.0	100.0	98.9	95.1	84.6	62.0	38.6	18.5	4.6	65.8	650
	12-14	100.0	100.0	98.0	92.8	78.9	52.1	30.6	11.8	4.4	62.5	608
	15-17	100.0	100.0	99.5	95.7	84.4	59.8	39.7	15.8	4.8	65.3	398
	18-20	100.0	100.0	100.0	98.5	93.9	75.8	57.6	31.8	7.6	71.5	66
	21-23											
	TOTALS	100.0	100.0	99.3	96.4	88.1	68.8	50.1	28.5	10.2	69.6	2308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM FOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.6	95.2	84.2	62.3	24.4	82.6	565
	09-11	100.0	100.0	100.0	99.4	92.1	68.6	35.6	13.7	4.6	67.2	630
	12-14	100.0	100.0	100.0	97.8	85.4	56.7	26.3	11.7	3.0	63.9	596
	15-17	100.0	100.0	100.0	99.5	90.3	66.3	39.0	16.2	4.8	67.6	433
	18-20	100.0	100.0	100.0	100.0	98.8	84.5	66.7	27.4	9.5	74.3	84
	21-23											
TOTALS		100.0	100.0	100.0	99.3	93.2	74.3	50.4	26.3	9.3	71.1	2306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	93.7	70.8	27.3	85.0	538
	09-11	100.0	100.0	100.0	100.0	96.9	84.1	44.9	14.1	2.6	70.3	616
	12-14	100.0	100.0	100.0	99.0	90.2	67.9	33.3	10.0	2.8	66.1	580
	15-17	100.0	100.0	100.0	99.4	94.9	81.0	48.2	19.0	5.4	70.7	353
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	86.3	31.4	9.8	78.0	51
	21-23											
TOTALS		100.0	100.0	100.0	99.7	96.4	86.6	61.3	29.1	8.6	74.0	2140

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DADE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7P-87

MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	(NUM OBS)
AUG	00-07											
	08-15											
	06-09	100.0	100.0	100.0	100.0	100.0	99.8	97.7	82.2	36.6	88.2	511
	09-11	100.0	100.0	100.0	100.0	98.9	86.8	52.5	15.8	4.0	71.7	621
	12-14	100.0	100.0	100.0	100.0	93.8	75.5	35.5	13.6	4.9	69.2	611
	15-17	100.0	100.0	100.0	100.0	97.9	90.1	56.0	17.7	5.5	73.1	384
	18-27	100.0	100.0	100.0	100.0	100.0	96.7	91.8	42.6	9.8	80.0	61
	21-23											
TOTALS		100.0	100.0	100.0	100.0	98.1	89.8	66.7	34.4	12.2	76.2	2186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMREP: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	96.8	85.4	44.3	89.2	531
	09-11	100.0	100.0	100.0	100.0	97.0	79.3	45.0	16.1	3.4	69.8	565
	12-14	100.0	100.0	100.0	99.8	90.4	63.4	29.0	9.4	2.0	65.0	511
	15-17	100.0	100.0	100.0	99.3	92.4	77.6	47.6	13.1	1.3	69.2	275
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	90.0	63.3		80.7	30
	21-23											
TOTALS		100.0	100.0	100.0	99.8	96.0	84.0	61.7	37.5	10.6	74.7	1882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	99.7	96.0	89.6	55.2	90.1	501
	09-11	100.0	100.0	100.0	99.4	89.5	73.3	47.9	26.2	6.9	70.1	621
	12-14	100.0	100.0	100.0	95.7	78.5	55.0	30.6	15.0	4.6	63.9	581
	15-17	100.0	100.0	100.0	98.4	89.2	69.6	47.5	23.0	5.5	69.0	434
	18-20	100.0	100.0	100.0	100.0	100.0	98.5	92.6	67.6	19.1	83.5	61
	21-23											
TOTALS		100.0	100.0	100.0	98.7	91.4	79.1	62.9	44.3	18.2	75.3	2201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
NOV	00-01											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	97.8	92.6	81.9	55.8	88.5	403
	09-11	100.0	100.0	99.8	98.1	90.6	77.9	57.4	36.1	13.6	73.1	587
	12-14	100.0	100.0	98.3	93.3	81.8	63.1	38.5	23.0	7.4	66.3	582
	15-17	100.0	100.0	99.3	96.9	90.8	76.4	57.8	33.0	10.4	72.1	415
	18-20	100.0	100.0	100.0	100.0	97.5	96.3	88.8	72.5	32.5	84.6	80
	21-23											
TOTALS		100.0	100.0	99.5	97.7	92.1	82.3	67.0	49.3	23.9	76.9	2067

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.7	98.1	95.0	90.6	79.7	49.7	86.9	361
	09-11	100.0	100.0	99.8	97.2	88.8	75.9	55.0	36.3	16.3	72.8	609
	12-14	100.0	100.0	98.8	90.0	78.9	58.4	37.1	22.3	11.0	65.3	601
	15-17	100.0	100.0	99.1	94.8	84.9	70.7	49.2	29.6	13.0	69.7	423
	18-20	100.0	100.0	100.0	100.0	98.6	95.7	87.0	65.2	39.1	81.9	400
	21-23											
TOTALS		100.0	100.0	99.5	96.3	89.9	79.1	63.8	46.6	27.8	75.7	2405

AD-A190 726

DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CLT. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
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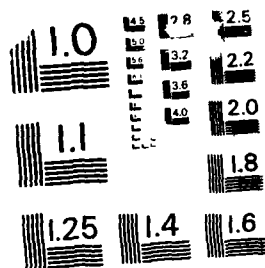
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	ALL	100.0	100.0	99.3	94.4	84.8	69.2	51.9	36.6	22.1	71.5	2072	
FEB		100.0	100.0	99.8	97.1	87.9	73.8	52.6	37.1	20.5	72.6	1957	
MAR		100.0	100.0	99.7	95.9	84.5	68.3	47.7	31.5	16.4	70.1	2274	
APR		100.0	100.0	97.4	89.1	75.9	59.9	40.2	26.1	12.3	65.8	2355	
MAY		100.0	100.0	99.3	96.4	88.1	68.8	50.1	28.5	10.2	69.6	2306	
JUN		100.0	100.0	100.0	99.3	93.2	74.3	50.4	26.3	9.3	71.1	2306	
JUL		100.0	100.0	100.0	99.7	96.4	86.6	61.3	29.1	8.6	74.0	2140	
AUG		100.0	100.0	100.0	100.0	98.1	89.8	66.7	34.4	12.2	76.2	2188	
SEP		100.0	100.0	100.0	99.8	96.0	84.0	61.7	37.5	10.6	74.7	1882	
OCT		100.0	100.0	100.0	98.7	91.4	79.1	62.9	44.1	18.2	75.3	2208	
NOV		100.0	100.0	99.5	97.7	92.1	82.3	67.0	49.3	23.9	76.9	2067	
DEC		100.0	100.0	99.5	96.3	89.9	79.1	63.8	46.6	25.8	75.7	2062	
	TOTALS	100.0	100.0	99.5	97.0	89.9	76.3	56.4	35.6	15.8	72.8	25821	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN SD TOT OBS													
04	MEAN SD TOT OBS													
07	MEAN SD TOT OBS	30.058 .248 166	30.024 .258 143	30.000 .274 172	29.964 .213 193	29.992 .154 201	30.012 .128 195	30.012 .107 192	30.039 .114 185	30.050 .125 194	30.066 .170 181	30.097 .193 164	30.114 .231 160	30.034 .193 2136
10	MEAN SD TOT OBS	30.092 .265 211	30.065 .267 189	30.026 .276 214	29.988 .235 219	30.001 .161 217	30.011 .134 211	30.029 .109 207	30.050 .114 207	30.069 .125 189	30.100 .175 209	30.124 .196 198	30.147 .228 204	30.058 .205 2473
13	MEAN SD TOT OBS	30.022 .269 207	30.017 .260 189	29.987 .282 214	29.957 .236 215	29.979 .159 208	29.991 .136 200	30.006 .113 200	30.024 .112 212	30.035 .125 171	30.066 .174 199	30.071 .203 196	30.075 .233 201	30.018 .205 2412
16	MEAN SD TOT OBS	30.039 .258 150	30.020 .256 138	29.968 .272 162	29.932 .232 155	29.955 .159 139	29.972 .138 150	29.981 .112 119	29.994 .113 128	30.017 .131 96	30.065 .160 147	30.060 .201 142	30.076 .237 147	30.006 .207 1673
19	MEAN SD TOT OBS													
22	MEAN SD TOT OBS													
ALL HOURS	MEAN SD TOT OBS	30.054 .262 734	30.033 .261 659	29.997 .277 760	29.962 .230 782	29.984 .159 765	29.998 .134 756	30.010 .111 718	30.030 .114 732	30.046 .177 640	30.075 .171 736	30.090 .199 700	30.105 .233 712	30.031 .203 8694

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MRS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78,84-87

FOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN SD TOT OBS													
04	MEAN SD TOT OBS													
07	MEAN SD TOT OBS	1017.0 8.009 51	1017.2 9.619 53	1019.0 7.591 54	1013.4 5.614 58	1016.5 5.144 53	1016.5 4.075 62	1016.4 3.615 59	1017.5 4.156 78	1018.8 4.721 72	1020.5 4.650 43	1019.4 7.522 28	1021.1 6.723 51	1017.7 6.277 665
10	MEAN SD TOT OBS	1018.5 9.076 64	1018.3 9.130 55	1019.8 8.098 61	1014.9 6.845 63	1016.6 5.326 58	1016.6 4.145 63	1017.1 3.686 69	1017.9 4.131 85	1019.8 4.561 72	1021.2 4.902 61	1020.4 7.309 30	1021.8 6.714 63	1018.5 6.528 744
13	MEAN SD TOT OBS	1016.5 9.409 62	1017.0 8.424 56	1014.4 8.212 54	1014.1 6.882 61	1016.0 4.591 52	1015.8 4.239 58	1016.3 3.724 65	1017.0 4.097 84	1018.5 4.641 65	1020.1 4.901 60	1019.5 7.461 30	1019.9 6.865 63	1017.4 6.514 715
16	MEAN SD TOT OBS	1018.1 8.013 39	1016.8 8.849 43	1018.8 7.762 44	1012.8 7.447 42	1014.8 4.609 40	1015.1 4.660 40	1015.5 4.255 31	1016.6 3.987 53	1018.5 4.798 38	1019.9 4.649 45	1018.6 7.418 20	1020.1 6.484 44	1017.1 6.557 479
19	MEAN SD TOT OBS													
22	MEAN SD TOT OBS													
ALL HOURS	MEAN SD TOT OBS	1017.5 8.710 216	1017.4 9.065 204	1019.0 7.904 218	1013.9 6.687 224	1016.0 4.966 203	1016.1 4.255 223	1016.5 3.770 224	1017.3 4.110 300	1019.0 4.688 247	1020.5 4.788 215	1019.6 7.346 108	1020.8 6.719 221	1017.7 6.483 2603

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISTS.
2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
3. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - A. RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - B. PERIODS GREATER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
 - C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT.
 - D. COMBINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUR VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGES" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
5. THE TEMPERATURES SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND MINIMUM TEMPERATURES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --EXTREMES OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED ARE NOT REFLECTED IN THESE SUMMARIES.

USAFETAC ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), AND BE ACCOMPANIED BY THIS CAVEAT PAGE.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	"0.00" EQUALS NONE FOR THE MONTH (HUNDRETHS)
EXTREME DAILY SNOWFALL:	".00" EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 746950

STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 67-70, 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100							.5						.0
GE 95						3.8	8.8	3.8	.5				1.5
GE 90				1.9	1.5	14.3	28.4	26.3	8.3	1.0			7.3
GE 85			.5	3.4	14.9	37.1	69.1	65.7	28.5	2.9			19.8
GE 80			2.7	11.6	38.6	68.1	93.1	91.1	62.2	17.1	1.1		34.2
GE 75	1.1	1.3	10.8	28.5	64.9	88.6	99.5	99.1	88.1	46.8	13.6	2.8	48.0
GE 70	2.2	3.2	21.0	50.2	85.1	97.6	100.0	100.0	96.4	69.8	37.3	10.1	58.8
GE 65	7.7	9.7	34.9	69.6	94.6	99.5			100.0	89.3	53.1	20.7	67.6
GE 60	17.7	23.2	49.5	87.0	97.5					97.1	72.3	36.3	75.6
GE 55	31.5	33.5	65.6	92.8	100.0	100.0				99.5	90.4	55.9	82.6
GE 50	45.3	53.5	80.6	98.1						100.0	98.3	72.6	88.6
GE 45	66.9	69.0	93.5	100.0							99.4	86.0	93.7
GE 40	78.5	84.5	98.9								100.0	92.7	96.6
GE 35	89.5	94.2	100.0									99.4	98.7
GE 30	96.7	100.0										100.0	99.7
GE 25	98.3												99.9
GE 20	100.0												100.0
MEAN	48.7	50.5	60.1	69.1	76.9	82.5	87.1	86.2	81.3	73.2	65.3	55.9	69.7
SD	10.535	10.436	10.725	9.057	7.064	6.638	5.019	4.896	5.816	6.943	8.230	10.182	15.211
TOTAL OPS	181	155	186	207	202	210	204	213	193	205	177	179	2312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 74695C

STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 67-70, 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85						1.0	.5	.5					.2
GE 80						3.3	10.3	3.8	.5				1.6
GE 75					2.5	17.6	37.7	31.0	4.7	.5			8.4
GE 70				1.0	10.4	41.4	81.4	67.1	25.9	3.9			20.6
GE 65	.6			8.7	37.6	69.0	92.2	96.9	55.4	18.0	6.2	1.7	33.3
GE 60			7.5	27.1	57.4	89.0	98.0	96.7	74.6	34.6	16.9	4.5	44.7
GE 55	3.3	3.9	16.1	43.5	75.7	96.2	100.0	100.0	89.6	56.6	34.5	8.9	54.9
GE 50	7.2	11.0	27.4	63.3	87.6	100.0			97.4	77.1	46.3	19.0	63.9
GE 45	12.7	19.1	44.1	80.2	96.0				99.5	85.4	64.4	31.3	71.7
GE 40	21.8	31.0	60.8	91.3	100.0				100.0	94.6	74.0	48.0	79.0
GE 35	35.9	47.7	80.1	98.1						98.0	85.3	62.6	85.5
GE 30	41.0	55.5	86.6	99.5						99.5	91.0	69.3	88.2
GE 25	51.6	69.4	91.9	100.0						100.0	96.0	79.9	91.7
GE 20	74.6	85.8	99.5								98.9	53.9	96.5
GE 15	84.0	98.1	100.0								100.0	100.0	99.0
GE 10	96.1	99.4											99.7
GE 5	99.4	100.0											100.0
MEAN	32.0	35.1	43.4	52.5	60.3	67.8	72.7	71.1	64.2	55.5	48.0	39.3	53.5
SD	10.514	9.972	9.730	8.792	8.141	6.909	5.253	5.591	7.190	9.077	11.047	10.618	15.924
TOTAL OBS	181	155	186	207	202	210	204	213	193	205	177	179	2312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 746950

STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 67-70, 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 97						1.0	.5	.5					.2
GE 85						7.1	18.6	9.9	1.6				3.3
GE 87				1.0	3.5	24.8	56.4	48.8	13.0	1.0			13.3
GE 75			.5	3.9	20.8	53.8	88.2	92.2	76.3	7.8			26.3
GE 72	.6		3.2	15.5	52.0	83.8	99.5	97.2	77.2	22.0	7.3	1.1	40.6
GE 65	1.1	.6	11.8	38.2	73.3	97.1	100.0	100.0	91.7	53.2	23.7	3.9	52.2
GE 67	5.0	6.5	26.9	57.5	89.6	99.0			99.5	78.5	40.1	12.8	62.3
GE 55	9.9	12.9	35.5	78.3	98.0	100.0			100.0	90.7	59.9	26.3	75.2
GE 57	16.0	25.2	55.4	91.8	100.0					98.5	77.4	42.5	77.8
GE 45	12.6	40.0	75.8	98.6						100.0	90.4	61.5	84.9
GE 47	51.6	56.8	93.0	100.0							98.3	78.8	91.1
GE 35	72.4	83.9	98.9								100.0	51.6	96.0
GE 37	87.8	92.3	100.0									58.9	98.4
GE 25	96.1	100.0										100.0	99.7
GE 27	98.9												99.9
GE 15	100.0												100.0
MEAN	40.6	43.1	52.1	61.6	68.9	75.3	80.1	79.0	73.0	64.6	56.9	47.8	61.9
SD	10.025	9.509	9.369	8.034	6.750	6.128	4.476	4.533	5.691	6.946	8.750	9.526	15.128
TOTAL OBS	181	155	186	207	202	210	204	213	193	205	177	179	2312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 66-70, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66			*74	*80	*86	*88	*89	*88	*82	*84	*68	*74	
67				*80			*85	*96	*85	*81	*73	*64	
68	*67	*50		*76	*85	*90	*90	*89	*78	*79	*76	*59	*90
69	*68	*54	*71			*94	*89	*93	*89	*76	*56	*72	
70	*67	*53	*60	*77			*88		*83	*82	*62	*72	
73	*37	*54	*79	*73					*86	*84	*78	*52	*90
74	*75	*64	*78	*90	*81	*85	*90	*87	*74	*77	*79		
75	*58	*49		*80		*79			*79	*69			
76			*56		*78	*65	*85						
77			*60	*88	*89	*95	*98	*97	*88	*78	*80	*71	
78	*59	*46	*76	*81	*88	*94	*95	*93	*92	*82	*79	*68	*95
79	*65	*63	*79	*82	*84	*81	*92	*86	*86	*63	*75	*71	*92
80	*64	*66	*73	*77	*89	*96	*94	*88	*92	*76	*74	*75	*96
81	*65	*68	*81	*90	*85	*98	*97	*95	*89	*86	*73	*66	*98
82	*68	*77	*80	*76	*85	*90	*94	*94	*89	*81	*77	*76	*94
83	*65	*69	*77	*85	*83	*88	*96	*95	*96	*86	*73	*69	*96
84	*62	*73	*68	*78	*85	*96	*93	*95	*85	*84	*80	*77	*96
85	*75	*68	*69	*93	*90	*94	*95	*95	*94	*87	*79	*70	*95
86	*68	*76	*78	*80	*93	*96	*100	*94	*90	*92	*78	*76	*100
87	*65	*65	*74	*82	*91	*94	*98	*94	*90				
MEAN													
TOTAL OBS	191	155	186	207	202	210	204	213	193	205	177	179	2312

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 66-70, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66			*23	*46	*40	*52	*60	*61	*43	*39	*20	*31	
67				*43			*70	*61	*55	*31	*29	*20	
68	*19	*24											
69	*22	*23	*26	*30	*47	*65	*62	*55	*46	*39	*33	*26	*22
70	*11	*22	*39	*34		*75	*70	*73	*52	*35	*34	*31	
73	*32	*33	*38	*38			*70		*58	*59	*43	*24	
74	*40	*20	*36	*38	*51	*58	*59	*60	*50	*73	*32	*27	*20
75	*32	*27		*56		*73			*68	*58	*36		
76			*42		*59	*52	*69		*53	*46			
77			*38	*39	*44	*59	*70	*60	*54	*43	*34	*20	
78	*14	*19	*26	*46	*41	*54	*55	*65	*58	*34	*45	*24	*14
79	*19	*20	*33	*47	*45	*59	*66	*58	*58	*41	*36	*24	*19
80	*23	*14	*29	*43	*51	*56	*63	*66	*59	*34	*31	*20	*14
81	*9	*21	*28	*34	*53	*61	*65	*63	*46	*41	*24	*24	*9
82	*12	*30	*29	*35	*41	*58	*71	*67	*54	*42	*30	*26	*12
83	*20	*25	*34	*37	*47	*53	*57	*57	*51	*43	*32	*22	*20
84	*22	*20	*27	*40	*46	*55	*63	*57	*45	*55	*25	*31	*20
85	*13	*20	*29	*35	*47	*58	*64	*65	*64	*50	*46	*26	*13
86	*16	*26	*33	*41	*43	*59	*71	*65	*49	*35	*44	*28	*16
87	*18	*25	*29	*39	*40	*58	*63	*56	*52				
MEAN													
S.D.													
TOTAL OBS	181	155	186	207	202	210	204	213	193	205	177	179	2312

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE
FILMED
4 88